

Development of a 690K SNP array in catfish and its application for genetic mapping and validation of the reference genome sequence

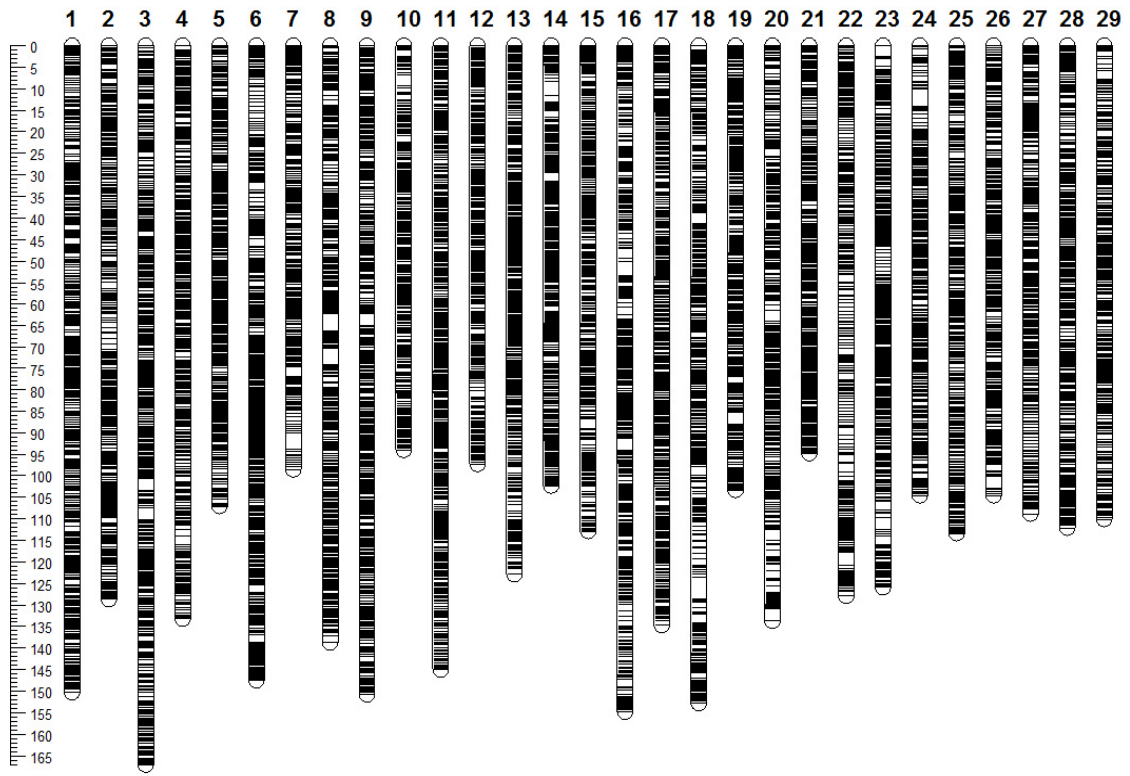
Qifan Zeng¹, Qiang Fu¹, Yun Li¹, Geoff Waldbieser², Brian Bosworth², Shikai Liu¹, Yujia Yang¹, Lisui Bao¹, Zihao Yuan¹, Ning Li¹, and Zhanjiang Liu^{1*}

¹The Fish Molecular Genetics and Biotechnology Laboratory, Aquatic Genomics Unit, School of Fisheries, Aquaculture and Aquatic Sciences, and Program of Cell and Molecular Biosciences, Auburn, Alabama 36832, United States of America

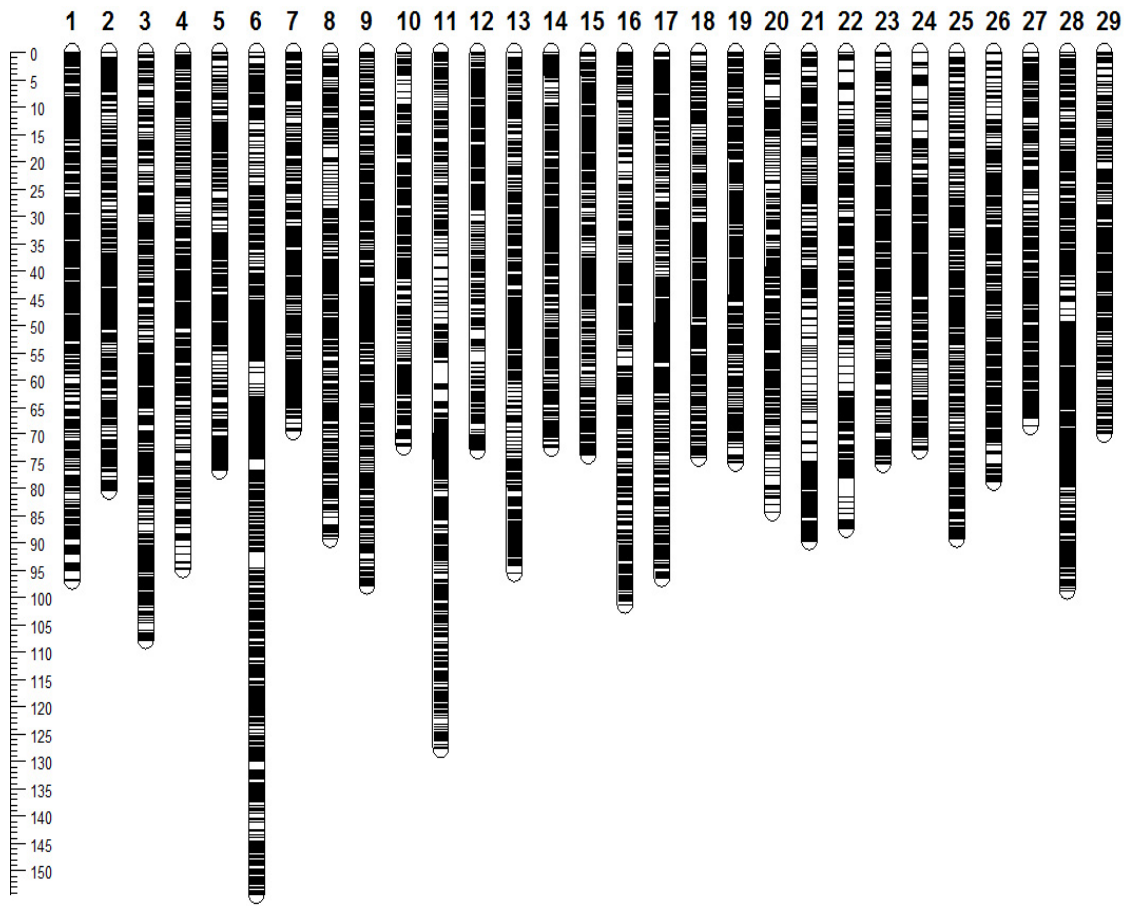
²USDA-ARS Warmwater Aquaculture Research Unit, Stoneville, Mississippi 38776, United States of America

*Correspondence: E-mail: liuzhan@auburn.edu

Supplemental Figure 1. Illustration of female-specific linkage map.



Supplemental Figure 2. Illustration of male-specific linkage map.



Supplemental Table S1.

Marker	Linkage group	Genetic position	Accession	Marker Position on Scaffold	Scaffold	Chromosome
AX-157889335	1	0	KV452696.1	768	1-scf00001	1
AX-157810099	1	0	KV452696.1	13675	1-scf00001	1
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AX-157889378	1	0	KV452696.1	94512	1-scf00001	1
AX-157810111	1	0	KV452696.1	194391	1-scf00001	1
AX-157889490	1	0	KV452696.1	255063	1-scf00001	1
AX-157890091	1	0	KV452696.1	1222381	1-scf00001	1
AX-157890144	1	0	KV452696.1	1304163	1-scf00001	1
AX-158376989	1	0	KV452695.1	6200	1-scf00598	1
AX-157709104	1	0	KV452695.1	8650	1-scf00598	1
AX-158376990	1	0	KV452695.1	9182	1-scf00598	1
AX-157853360	1	0	KV452695.1	12432	1-scf00598	1
AX-157720046	1	0	KV452695.1	16327	1-scf00598	1
AX-158376996	1	0	KV452695.1	24090	1-scf00598	1
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AX-158377000	1	0	KV452695.1	56502	1-scf00598	1
AX-157772461	1	0	KV452695.1	68810	1-scf00598	1
AX-158377004	1	0	KV452695.1	74627	1-scf00598	1
AX-157889322	1	0	KV452695.1	79314	1-scf00598	1
AX-158424003	1	0	KV452695.1	81171	1-scf00598	1
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AX-157706029	1	0.126	3ML01031462	233	scf07075_1	UN
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AX-157709834	1	12.356	KV452696.1	972267	1-scf00001	1
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AX-157889950	1	12.407	KV452696.1	970390	1-scf00001	1
AX-157740309	1	12.407	KV452696.1	971747	1-scf00001	1
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AX-158379086	1	12.407	KV452696.1	980860	1-scf00001	1
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AX-157889958	1	12.407	KV452696.1	982909	1-scf00001	1
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AX-157889940	1	12.735	KV452696.1	951777	1-scf00001	1
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AX-157722574	1	12.735	KV452696.1	987219	1-scf00001	1
AX-157883020	1	12.735	KV452696.1	990275	1-scf00001	1
AX-157890057	1	12.735	KV452696.1	1142028	1-scf00001	1
AX-157889967	1	12.844	KV452696.1	997133	1-scf00001	1
AX-157745490	1	12.844	KV452696.1	997556	1-scf00001	1
AX-157889972	1	12.844	KV452696.1	1005580	1-scf00001	1
AX-157889973	1	13.063	KV452696.1	1006606	1-scf00001	1
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AX-157889979	1	13.251	KV452696.1	1024744	1-scf00001	1
AX-157889981	1	13.251	KV452696.1	1026361	1-scf00001	1
AX-157738973	1	13.272	KV452696.1	1027547	1-scf00001	1
AX-157889987	1	13.809	KV452696.1	1033921	1-scf00001	1

AX-157889980	1	13.822	KV452696.1	1025800	1-scf00001	1
AX-157889988	1	13.822	KV452696.1	1034861	1-scf00001	1
AX-157889989	1	13.835	KV452696.1	1036118	1-scf00001	1
AX-157889996	1	14.18	KV452696.1	1044433	1-scf00001	1
AX-157751620	1	14.181	KV452696.1	1048572	1-scf00001	1
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AX-157890007	1	14.705	KV452696.1	1065027	1-scf00001	1
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AX-157720812	1	14.927	KV452696.1	1069010	1-scf00001	1
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AX-157890047	1	16.584	KV452696.1	1127571	1-scf00001	1
AX-157890051	1	16.584	KV452696.1	1132072	1-scf00001	1
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AX-157890058	1	17.653	KV452696.1	1143545	1-scf00001	1
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AX-157890064	1	17.89	KV452696.1	1159616	1-scf00001	1
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AX-157890075	1	18.788	KV452696.1	1192363	1-scf00001	1
AX-157890021	1	19.092	KV452696.1	1084921	1-scf00001	1
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AX-157890077	1	19.092	KV452696.1	1202057	1-scf00001	1
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AX-158379087	1	19.092	KV452696.1	1209623	1-scf00001	1
AX-157890084	1	19.092	KV452696.1	1214161	1-scf00001	1
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AX-157890085	1	19.127	KV452696.1	1214488	1-scf00001	1
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AX-157890102	1	19.17	KV452696.1	1240786	1-scf00001	1
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AX-157890141	1	19.967	KV452696.1	1298273	1-scf00001	1
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AX-157890145	1	19.999	KV452696.1	1306067	1-scf00001	1
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AX-158379088	1	20.186	KV452696.1	1345918	1-scf00001	1
AX-157890173	1	20.186	KV452696.1	1354340	1-scf00001	1

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AX-157890179	1	20.186	KV452696.1	1367158	1-scf00001	1
AX-157890297	1	20.186	KV452696.1	1614002	1-scf00001	1
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AX-157890186	1	20.405	KV452696.1	1378393	1-scf00001	1
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AX-157890223	1	20.842	KV452696.1	1491084	1-scf00001	1
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AX-157810173	1	20.842	KV452696.1	1498369	1-scf00001	1
AX-157810182	1	20.842	KV452696.1	1542128	1-scf00001	1
AX-157890222	1	20.92	KV452696.1	1489934	1-scf00001	1
AX-157748550	1	20.92	KV452696.1	1499086	1-scf00001	1
AX-157890233	1	20.92	KV452696.1	1500541	1-scf00001	1
AX-157890281	1	20.92	KV452696.1	1581390	1-scf00001	1
AX-157890289	1	20.92	KV452696.1	1596137	1-scf00001	1
AX-158379090	1	20.92	KV452696.1	1755386	1-scf00001	1
AX-157890404	1	20.92	KV452696.1	1757526	1-scf00001	1
AX-157890170	1	20.932	KV452696.1	1347204	1-scf00001	1
AX-157890240	1	20.932	KV452696.1	1510059	1-scf00001	1
AX-157716217	1	20.946	KV452696.1	1514599	1-scf00001	1
AX-157890419	1	20.946	KV452696.1	1786650	1-scf00001	1
AX-157810175	1	20.952	KV452696.1	1505658	1-scf00001	1
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AX-157754762	1	20.952	KV452696.1	1541212	1-scf00001	1
AX-157751738	1	20.952	KV452696.1	1541963	1-scf00001	1
AX-157810177	1	21.17	KV452696.1	1522567	1-scf00001	1
AX-157890250	1	21.17	KV452696.1	1525623	1-scf00001	1
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AX-157890283	1	21.17	KV452696.1	1583639	1-scf00001	1
AX-157890286	1	21.17	KV452696.1	1592606	1-scf00001	1
AX-157890290	1	21.17	KV452696.1	1597062	1-scf00001	1
AX-157890292	1	21.17	KV452696.1	1604680	1-scf00001	1
AX-157810189	1	21.17	KV452696.1	1625752	1-scf00001	1
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AX-157890319	1	21.498	KV452696.1	1636548	1-scf00001	1
AX-157890326	1	21.498	KV452696.1	1642833	1-scf00001	1
AX-157890327	1	21.498	KV452696.1	1643315	1-scf00001	1
AX-157890330	1	21.498	KV452696.1	1645520	1-scf00001	1
AX-157890336	1	21.498	KV452696.1	1655212	1-scf00001	1
AX-157890202	1	21.612	KV452696.1	1412254	1-scf00001	1
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AX-157774868	1	21.717	KV452696.1	1676407	1-scf00001	1
AX-157890348	1	21.717	KV452696.1	1676554	1-scf00001	1
AX-157890349	1	21.717	KV452696.1	1677547	1-scf00001	1

AX-157890350	1	21.717	KV452696.1	1678555	1-scf00001	1
AX-157890354	1	21.717	KV452696.1	1684696	1-scf00001	1
AX-157890359	1	21.826	KV452696.1	1688228	1-scf00001	1
AX-157890360	1	21.826	KV452696.1	1689225	1-scf00001	1
AX-157890366	1	21.855	KV452696.1	1698603	1-scf00001	1
AX-157772973	1	21.87	KV452696.1	1415924	1-scf00001	1
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AX-157891141	1	26.854	KV452696.1	3116493	1-scf00001	1
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AX-157745144	1	26.854	KV452696.1	3122968	1-scf00001	1
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AX-157891865	1	27.905	KV452696.1	4321830	1-scf00001	1
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AX-158379101	1	27.995	KV452696.1	4269142	1-scf00001	1
AX-157810338	1	27.995	KV452696.1	4322222	1-scf00001	1
AX-157810344	1	27.995	KV452696.1	4381675	1-scf00001	1
AX-157891910	1	27.995	KV452696.1	4383733	1-scf00001	1
AX-157742685	1	27.995	KV452696.1	4426930	1-scf00001	1
AX-157891934	1	28.056	KV452696.1	4427249	1-scf00001	1
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AX-158403738	1	28.056	KV452697.1	116190	1-scf00003	1
AX-158421050	1	28.056	3ML01025952	299	scf01561_1	UN
AX-157707024	1	28.056	3ML01034532	283	scf10209_1	UN
AX-157707025	1	28.056	3ML01034532	409	scf10209_1	UN
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AX-157891945	1	28.201	KV452696.1	4445590	1-scf00001	1
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AX-157891070	1	28.493	KV452696.1	2995590	1-scf00001	1
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AX-157891416	1	28.493	KV452696.1	3675059	1-scf00001	1
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AX-157891784	1	28.493	KV452696.1	4179300	1-scf00001	1
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AX-157891886	1	28.493	KV452696.1	4354221	1-scf00001	1
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AX-157892208	1	28.493	KV452698.1	438961	1-scf00002	1
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AX-157892219	1	28.493	KV452698.1	467276	1-scf00002	1
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AX-157810292	1	28.53	KV452696.1	3267461	1-scf00001	1
AX-157891213	1	28.53	KV452696.1	3269634	1-scf00001	1
AX-157891742	1	28.53	KV452696.1	4117765	1-scf00001	1
AX-157742429	1	28.53	KV452696.1	4222678	1-scf00001	1

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AX-157892090	1	28.53	KV452698.1	58935	1-scf00002	1
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AX-157892103	1	28.53	KV452698.1	98721	1-scf00002	1
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AX-157892114	1	28.53	KV452698.1	113060	1-scf00002	1
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AX-157892123	1	28.53	KV452698.1	129619	1-scf00002	1
AX-157892127	1	28.53	KV452698.1	148555	1-scf00002	1
AX-157892130	1	28.53	KV452698.1	158089	1-scf00002	1
AX-157892133	1	28.53	KV452698.1	175893	1-scf00002	1
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AX-157892150	1	28.53	KV452698.1	239834	1-scf00002	1
AX-157892153	1	28.53	KV452698.1	250989	1-scf00002	1
AX-157892156	1	28.53	KV452698.1	254087	1-scf00002	1
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AX-157862577	1	28.53	KV452698.1	554991	1-scf00002	1
AX-157883053	1	28.53	KV452698.1	630712	1-scf00002	1
AX-157810396	1	28.53	KV452698.1	677023	1-scf00002	1
AX-157892442	1	28.53	KV452697.1	6633	1-scf00003	1
AX-157892454	1	28.53	KV452697.1	46994	1-scf00003	1

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AX-157891484	1	28.602	KV452696.1	3773721	1-scf00001	1
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AX-157892078	1	28.602	KV452698.1	40280	1-scf00002	1
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AX-157892081	1	28.602	KV452698.1	48158	1-scf00002	1
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AX-157892089	1	28.602	KV452698.1	58397	1-scf00002	1
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AX-157892101	1	28.602	KV452698.1	92246	1-scf00002	1
AX-157892105	1	28.602	KV452698.1	101471	1-scf00002	1
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AX-157722150	1	28.602	KV452698.1	105820	1-scf00002	1
AX-157892118	1	28.602	KV452698.1	118924	1-scf00002	1
AX-157892124	1	28.602	KV452698.1	133836	1-scf00002	1
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AX-157892163	1	28.602	KV452698.1	279192	1-scf00002	1
AX-157892171	1	28.602	KV452698.1	317811	1-scf00002	1
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AX-157892189	1	28.602	KV452698.1	376729	1-scf00002	1
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AX-157892206	1	28.602	KV452698.1	435661	1-scf00002	1
AX-157892207	1	28.602	KV452698.1	438308	1-scf00002	1
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AX-157892220	1	28.602	KV452698.1	467594	1-scf00002	1
AX-157892222	1	28.602	KV452698.1	468938	1-scf00002	1
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AX-157892232	1	28.602	KV452698.1	477719	1-scf00002	1
AX-157892238	1	28.602	KV452698.1	488163	1-scf00002	1
AX-157892240	1	28.602	KV452698.1	489530	1-scf00002	1
AX-157892243	1	28.602	KV452698.1	497099	1-scf00002	1
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AX-157748491	1	28.602	KV452698.1	622837	1-scf00002	1
AX-157810394	1	28.602	KV452698.1	672042	1-scf00002	1
AX-157892329	1	28.602	KV452698.1	684981	1-scf00002	1

AX-158388971	1	28.602	KV452698.1	687621	1-scf00002	1
AX-157774245	1	28.602	KV452698.1	723855	1-scf00002	1
AX-157892365	1	28.602	KV452698.1	745998	1-scf00002	1
AX-157892443	1	28.602	KV452697.1	7710	1-scf00003	1
AX-157726116	1	28.602	KV452697.1	18829	1-scf00003	1
AX-157892447	1	28.602	KV452697.1	22289	1-scf00003	1
AX-157892448	1	28.602	KV452697.1	24692	1-scf00003	1
AX-157810415	1	28.602	KV452697.1	49386	1-scf00003	1
AX-157810417	1	28.602	KV452697.1	55027	1-scf00003	1
AX-157892457	1	28.602	KV452697.1	58645	1-scf00003	1
AX-157864330	1	28.602	KV452697.1	59151	1-scf00003	1
AX-157892473	1	28.602	KV452697.1	96160	1-scf00003	1
AX-157892474	1	28.602	KV452697.1	97810	1-scf00003	1
AX-157892476	1	28.602	KV452697.1	101414	1-scf00003	1
AX-157892483	1	28.602	KV452697.1	115750	1-scf00003	1
AX-157892484	1	28.602	KV452697.1	120531	1-scf00003	1
AX-157751146	1	28.602	KV452697.1	126328	1-scf00003	1
AX-157810423	1	28.602	KV452697.1	161456	1-scf00003	1
AX-157810424	1	28.602	KV452697.1	171069	1-scf00003	1
AX-157892503	1	28.602	KV452697.1	172503	1-scf00003	1
AX-157892504	1	28.602	KV452697.1	174757	1-scf00003	1
AX-157892506	1	28.602	KV452697.1	179093	1-scf00003	1
AX-157892507	1	28.602	KV452697.1	179603	1-scf00003	1
AX-157892508	1	28.602	KV452697.1	179848	1-scf00003	1
AX-157892509	1	28.602	KV452697.1	180651	1-scf00003	1
AX-157892510	1	28.602	KV452697.1	182779	1-scf00003	1
AX-157892511	1	28.602	KV452697.1	187376	1-scf00003	1
AX-157892260	1	28.656	KV452698.1	535116	1-scf00002	1
AX-157892472	1	28.656	KV452697.1	95704	1-scf00003	1
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AX-157892295	1	28.82	KV452698.1	604731	1-scf00002	1
AX-157892296	1	28.82	KV452698.1	608667	1-scf00002	1
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AX-157892304	1	28.917	KV452698.1	628173	1-scf00002	1
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AX-157771538	1	32.422	KV452698.1	930110	1-scf00002	1
AX-157892544	1	32.427	KV452698.1	931636	1-scf00002	1
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AX-157755696	1	32.863	KV452698.1	946419	1-scf00002	1
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AX-157892588	1	32.863	KV452698.1	1012159	1-scf00002	1
AX-157892610	1	32.863	KV452698.1	1050878	1-scf00002	1
AX-157892571	1	32.947	KV452698.1	967856	1-scf00002	1
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AX-157892580	1	33.028	KV452698.1	982249	1-scf00002	1
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AX-157892596	1	33.191	KV452698.1	1022813	1-scf00002	1
AX-157892597	1	33.191	KV452698.1	1028653	1-scf00002	1
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AX-157892600	1	33.191	KV452698.1	1033345	1-scf00002	1
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AX-157745132	1	33.191	KV452698.1	1039146	1-scf00002	1
AX-157892633	1	33.191	KV452698.1	1085318	1-scf00002	1
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AX-157893635	1	33.191	KV452698.1	1975338	1-scf00002	1
AX-157893652	1	33.191	KV452698.1	2021321	1-scf00002	1
AX-157723914	1	33.191	KV452698.1	2050896	1-scf00002	1
AX-157893040	1	33.191	KV452700.1	45231	1-scf00005	1
AX-157893046	1	33.191	KV452700.1	54590	1-scf00005	1
AX-157893059	1	33.191	KV452700.1	71830	1-scf00005	1
AX-157893066	1	33.191	KV452700.1	76867	1-scf00005	1
AX-157893070	1	33.191	KV452700.1	83425	1-scf00005	1
AX-157893071	1	33.191	KV452700.1	83935	1-scf00005	1
AX-157893073	1	33.191	KV452700.1	95641	1-scf00005	1

AX-157893074	1	33.191	KV452700.1	97287	1-scf00005	1
AX-157893083	1	33.191	KV452700.1	108788	1-scf00005	1
AX-157753148	1	33.191	KV452700.1	109960	1-scf00005	1
AX-157893088	1	33.191	KV452700.1	113814	1-scf00005	1
AX-157893090	1	33.191	KV452700.1	119099	1-scf00005	1
AX-157810493	1	33.191	KV452700.1	120723	1-scf00005	1
AX-157893091	1	33.191	KV452700.1	121976	1-scf00005	1
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AX-157892643	1	33.737	KV452698.1	1103524	1-scf00002	1
AX-157892649	1	33.737	KV452698.1	1111558	1-scf00002	1
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AX-157892703	1	33.956	KV452698.1	1203777	1-scf00002	1
AX-157892705	1	33.956	KV452698.1	1208382	1-scf00002	1
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AX-157893675	1	33.956	KV452698.1	2072439	1-scf00002	1
AX-157708352	1	33.956	KV452698.1	2076825	1-scf00002	1
AX-157893680	1	33.956	KV452698.1	2078721	1-scf00002	1
AX-157893685	1	33.956	KV452698.1	2091273	1-scf00002	1
AX-157810551	1	33.956	KV452698.1	2091327	1-scf00002	1
AX-157893686	1	33.956	KV452698.1	2091760	1-scf00002	1
AX-157810552	1	33.956	KV452698.1	2093558	1-scf00002	1
AX-157893687	1	33.956	KV452698.1	2096316	1-scf00002	1
AX-158404274	1	33.956	KV452698.1	2097286	1-scf00002	1
AX-157893689	1	33.956	KV452698.1	2097517	1-scf00002	1
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AX-157893691	1	33.956	KV452698.1	2103858	1-scf00002	1
AX-157893692	1	33.956	KV452698.1	2104084	1-scf00002	1
AX-157893694	1	33.956	KV452698.1	2106277	1-scf00002	1
AX-157893695	1	33.956	KV452698.1	2107033	1-scf00002	1
AX-157893696	1	33.956	KV452698.1	2109126	1-scf00002	1
AX-157893698	1	33.956	KV452698.1	2110738	1-scf00002	1
AX-157893699	1	33.956	KV452698.1	2111421	1-scf00002	1
AX-157893702	1	33.956	KV452698.1	2116883	1-scf00002	1
AX-157893706	1	33.956	KV452698.1	2120851	1-scf00002	1
AX-158404275	1	33.956	KV452698.1	2122494	1-scf00002	1
AX-157893707	1	33.956	KV452698.1	2126208	1-scf00002	1
AX-157893708	1	33.956	KV452698.1	2126570	1-scf00002	1

AX-157893709	1	33.956	KV452698.1	2126977	1-scf00002	1
AX-157893710	1	33.956	KV452698.1	2127368	1-scf00002	1
AX-157770893	1	33.956	KV452698.1	2136533	1-scf00002	1
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AX-157893194	1	33.956	KV452700.1	244115	1-scf00005	1
AX-157893205	1	33.956	KV452700.1	269980	1-scf00005	1
AX-157893218	1	33.956	KV452700.1	284764	1-scf00005	1
AX-157893391	1	33.956	KV452700.1	554830	1-scf00005	1
AX-157893499	1	33.956	KV452700.1	720592	1-scf00005	1
AX-157893584	1	33.956	KV452700.1	864277	1-scf00005	1
AX-157893897	1	33.956	KV452707.1	378107	1-scf00007	1
AX-157685190	1	33.956	KV452704.1	67401	1-scf00597	1
AX-157753971	1	33.956	KV452699.1	9483	1-scf00610	1
AX-158377554	1	33.956	KV452699.1	23691	1-scf00610	1
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AX-158377561	1	33.956	KV452699.1	36074	1-scf00610	1
AX-158377563	1	33.956	KV452699.1	37343	1-scf00610	1
AX-158377564	1	33.956	KV452699.1	37956	1-scf00610	1
AX-158377565	1	33.956	KV452699.1	38499	1-scf00610	1
AX-158377566	1	33.956	KV452699.1	39149	1-scf00610	1
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AX-158377569	1	33.956	KV452699.1	42044	1-scf00610	1
AX-158377571	1	33.956	KV452699.1	43636	1-scf00610	1
AX-158377575	1	33.956	KV452699.1	49094	1-scf00610	1
AX-157750007	1	33.956	KV452699.1	50450	1-scf00610	1
AX-158377577	1	33.956	KV452699.1	51161	1-scf00610	1
AX-158377578	1	33.956	KV452699.1	52133	1-scf00610	1
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AX-158377581	1	33.956	KV452699.1	56219	1-scf00610	1
AX-158377582	1	33.956	KV452699.1	56522	1-scf00610	1
AX-158377583	1	33.956	KV452699.1	57216	1-scf00610	1
AX-158377584	1	33.956	KV452699.1	58169	1-scf00610	1
AX-158377588	1	33.956	KV452699.1	62106	1-scf00610	1
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AX-158377600	1	33.956	KV452699.1	72453	1-scf00610	1
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AX-158377616	1	33.956	KV452699.1	94147	1-scf00610	1
AX-158377630	1	33.956	KV452699.1	103629	1-scf00610	1
AX-157681771	1	33.956	KV453631.1	225	scf01063	UN
AX-157681802	1	33.956	3ML01026316	1245	scf01911_1	UN
AX-157705142	1	33.956	3ML01028779	201	scf04391_1	UN
AX-157689364	1	33.956	3ML01029325	574	scf04946_1	UN
AX-157707134	1	33.956	3ML01033571	494	scf09227_1	UN
AX-157893628	1	34.174	KV452698.1	1959955	1-scf00002	1
AX-157893629	1	34.174	KV452698.1	1960688	1-scf00002	1
AX-157810549	1	34.174	KV452698.1	1961249	1-scf00002	1
AX-157750825	1	34.174	KV452698.1	1964285	1-scf00002	1
AX-157893630	1	34.174	KV452698.1	1967295	1-scf00002	1
AX-157893632	1	34.174	KV452698.1	1969706	1-scf00002	1

AX-157893639	1	34.212	KV452698.1	1982131	1-scf00002	1
AX-158381932	1	34.212	KV452698.1	1985839	1-scf00002	1
AX-157893644	1	34.212	KV452698.1	1991651	1-scf00002	1
AX-157892806	1	34.239	KV452698.1	1474543	1-scf00002	1
AX-157893642	1	34.239	KV452698.1	1986763	1-scf00002	1
AX-157893677	1	34.239	KV452698.1	2073787	1-scf00002	1
AX-157893648	1	34.245	KV452698.1	1999681	1-scf00002	1
AX-157892982	1	34.284	KV452698.1	1803792	1-scf00002	1
AX-157892983	1	34.284	KV452698.1	1804665	1-scf00002	1
AX-157893000	1	34.284	KV452698.1	1831914	1-scf00002	1
AX-157893622	1	34.284	KV452698.1	1950351	1-scf00002	1
AX-157893634	1	34.284	KV452698.1	1972751	1-scf00002	1
AX-157893647	1	34.284	KV452698.1	1997704	1-scf00002	1
AX-157893657	1	34.284	KV452698.1	2032610	1-scf00002	1
AX-157893674	1	34.284	KV452698.1	2071414	1-scf00002	1
AX-157810553	1	34.284	KV452698.1	2096898	1-scf00002	1
AX-157893697	1	34.284	KV452698.1	2110279	1-scf00002	1
AX-157893704	1	34.284	KV452698.1	2118794	1-scf00002	1
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AX-157810554	1	34.284	KV452698.1	2127656	1-scf00002	1
AX-157740470	1	34.284	KV452698.1	2129058	1-scf00002	1
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AX-157893713	1	34.284	KV452698.1	2130410	1-scf00002	1
AX-157810555	1	34.284	KV452698.1	2130859	1-scf00002	1
AX-157893715	1	34.284	KV452698.1	2131486	1-scf00002	1
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AX-157746764	1	34.284	KV452698.1	2133041	1-scf00002	1
AX-157893717	1	34.284	KV452698.1	2133923	1-scf00002	1
AX-157893718	1	34.284	KV452698.1	2134786	1-scf00002	1
AX-157893720	1	34.284	KV452698.1	2140577	1-scf00002	1
AX-157893049	1	34.284	KV452700.1	58627	1-scf00005	1
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AX-157893052	1	34.284	KV452700.1	60633	1-scf00005	1
AX-157893053	1	34.284	KV452700.1	61495	1-scf00005	1
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AX-157689882	1	34.284		239	scf10330	UN
AX-157893661	1	34.46	KV452698.1	2048303	1-scf00002	1
AX-157893051	1	34.46	KV452700.1	59843	1-scf00005	1
AX-157893662	1	34.502	KV452698.1	2050523	1-scf00002	1
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AX-157810490	1	34.502	KV452700.1	65172	1-scf00005	1
AX-157717740	1	34.502	KV452700.1	65942	1-scf00005	1
AX-157893057	1	34.502	KV452700.1	68747	1-scf00005	1
AX-157893065	1	34.502	KV452700.1	76381	1-scf00005	1
AX-157893069	1	34.502	KV452700.1	82724	1-scf00005	1
AX-158403760	1	34.502	KV452700.1	84561	1-scf00005	1

AX-157893078	1	34.502	KV452700.1	105697	1-scf00005	1
AX-157810495	1	34.502	KV452700.1	121419	1-scf00005	1
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AX-157893092	1	34.502	KV452700.1	123618	1-scf00005	1
AX-157893093	1	34.502	KV452700.1	126351	1-scf00005	1
AX-157893094	1	34.502	KV452700.1	126759	1-scf00005	1
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AX-157893096	1	34.502	KV452700.1	127258	1-scf00005	1
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AX-157893097	1	34.502	KV452700.1	128258	1-scf00005	1
AX-157893098	1	34.502	KV452700.1	128579	1-scf00005	1
AX-157893099	1	34.502	KV452700.1	129017	1-scf00005	1
AX-157893100	1	34.502	KV452700.1	129309	1-scf00005	1
AX-157893102	1	34.502	KV452700.1	131244	1-scf00005	1
AX-157893103	1	34.502	KV452700.1	132283	1-scf00005	1
AX-157893104	1	34.502	KV452700.1	132493	1-scf00005	1
AX-157893105	1	34.502	KV452700.1	133270	1-scf00005	1
AX-157893106	1	34.502	KV452700.1	133482	1-scf00005	1
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AX-157893122	1	34.502	KV452700.1	151927	1-scf00005	1
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AX-157810502	1	34.611	KV452700.1	176979	1-scf00005	1
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AX-157893200	1	34.611	KV452700.1	254399	1-scf00005	1
AX-157893201	1	34.611	KV452700.1	256628	1-scf00005	1
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AX-157893216	1	34.611	KV452700.1	281791	1-scf00005	1
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AX-157893229	1	34.611	KV452700.1	310867	1-scf00005	1
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AX-157893237	1	34.611	KV452700.1	321513	1-scf00005	1

AX-157893238	1	34.611	KV452700.1	325146	1-scf00005	1
AX-157893239	1	34.611	KV452700.1	325501	1-scf00005	1
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AX-157893241	1	34.611	KV452700.1	327844	1-scf00005	1
AX-157893243	1	34.611	KV452700.1	329280	1-scf00005	1
AX-157893244	1	34.611	KV452700.1	329785	1-scf00005	1
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AX-157893248	1	34.611	KV452700.1	332069	1-scf00005	1
AX-157893249	1	34.611	KV452700.1	332562	1-scf00005	1
AX-157893250	1	34.611	KV452700.1	332864	1-scf00005	1
AX-157893251	1	34.611	KV452700.1	333458	1-scf00005	1
AX-157893252	1	34.611	KV452700.1	334695	1-scf00005	1
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AX-157810523	1	34.611	KV452700.1	546862	1-scf00005	1
AX-157853547	1	34.611	KV452700.1	568537	1-scf00005	1
AX-157893402	1	34.611	KV452700.1	571466	1-scf00005	1
AX-157893444	1	34.611	KV452700.1	628089	1-scf00005	1
AX-157709310	1	34.611	KV452700.1	652420	1-scf00005	1
AX-158377608	1	34.611	KV452699.1	80880	1-scf00610	1
AX-157893259	1	34.638	KV452700.1	341236	1-scf00005	1
AX-157893192	1	34.72	KV452700.1	241590	1-scf00005	1
AX-157893262	1	34.72	KV452700.1	345461	1-scf00005	1
AX-158379109	1	34.72	KV452700.1	361061	1-scf00005	1
AX-157713712	1	34.72	KV452700.1	363403	1-scf00005	1
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AX-157893290	1	34.72	KV452700.1	404431	1-scf00005	1
AX-157893311	1	34.72	KV452700.1	440891	1-scf00005	1
AX-157893316	1	34.72	KV452700.1	452021	1-scf00005	1
AX-157853545	1	34.72	KV452700.1	452871	1-scf00005	1
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AX-157893342	1	34.72	KV452700.1	484484	1-scf00005	1
AX-157893343	1	34.72	KV452700.1	485164	1-scf00005	1
AX-157893344	1	34.72	KV452700.1	485634	1-scf00005	1
AX-157893345	1	34.72	KV452700.1	487050	1-scf00005	1
AX-157893265	1	34.83	KV452700.1	354558	1-scf00005	1
AX-157893275	1	34.83	KV452700.1	384978	1-scf00005	1
AX-157893330	1	34.83	KV452700.1	471827	1-scf00005	1
AX-157893333	1	34.83	KV452700.1	474571	1-scf00005	1
AX-157893335	1	34.83	KV452700.1	475539	1-scf00005	1
AX-157893338	1	34.83	KV452700.1	478567	1-scf00005	1
AX-157893346	1	34.83	KV452700.1	487825	1-scf00005	1
AX-157893348	1	34.83	KV452700.1	490111	1-scf00005	1
AX-157893349	1	34.83	KV452700.1	490452	1-scf00005	1
AX-157893350	1	34.83	KV452700.1	490811	1-scf00005	1
AX-157893351	1	34.83	KV452700.1	491295	1-scf00005	1
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AX-157893353	1	34.83	KV452700.1	492179	1-scf00005	1
AX-157893356	1	34.83	KV452700.1	495415	1-scf00005	1
AX-157893363	1	34.83	KV452700.1	510100	1-scf00005	1

AX-157893367	1	34.83	KV452700.1	512963	1-scf00005	1
AX-157893374	1	34.83	KV452700.1	523206	1-scf00005	1
AX-157810518	1	34.83	KV452700.1	530020	1-scf00005	1
AX-157893377	1	34.83	KV452700.1	530591	1-scf00005	1
AX-157893384	1	34.83	KV452700.1	542465	1-scf00005	1
AX-157893395	1	34.83	KV452700.1	560888	1-scf00005	1
AX-157893400	1	34.83	KV452700.1	568753	1-scf00005	1
AX-157893401	1	34.83	KV452700.1	570035	1-scf00005	1
AX-157748785	1	34.83	KV452700.1	573139	1-scf00005	1
AX-157883056	1	34.83	KV452700.1	574601	1-scf00005	1
AX-157893427	1	34.83	KV452700.1	600561	1-scf00005	1
AX-157893446	1	34.83	KV452700.1	630062	1-scf00005	1
AX-157893491	1	34.83	KV452700.1	707336	1-scf00005	1
AX-157893517	1	34.83	KV452700.1	743017	1-scf00005	1
AX-157893419	1	34.887	KV452700.1	594041	1-scf00005	1
AX-157893649	1	34.939	KV452698.1	2003225	1-scf00002	1
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AX-157893236	1	34.939	KV452700.1	320844	1-scf00005	1
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AX-157738851	1	37.018	KV452707.1	470571	1-scf00007	1
AX-157893976	1	37.018	KV452707.1	493672	1-scf00007	1
AX-157894086	1	37.018	KV452708.1	110837	1-scf00008	1
AX-157892985	1	37.127	KV452698.1	1806342	1-scf00002	1
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AX-157893214	1	37.127	KV452700.1	277856	1-scf00005	1
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AX-157893258	1	37.127	KV452700.1	340123	1-scf00005	1
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AX-157893263	1	37.127	KV452700.1	351729	1-scf00005	1
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AX-157893269	1	37.127	KV452700.1	380953	1-scf00005	1
AX-157893271	1	37.127	KV452700.1	382122	1-scf00005	1
AX-157893272	1	37.127	KV452700.1	382670	1-scf00005	1
AX-157810510	1	37.127	KV452700.1	383164	1-scf00005	1
AX-157893273	1	37.127	KV452700.1	383590	1-scf00005	1

AX-157893274	1	37.127	KV452700.1	384054	1-scf00005	1
AX-157745655	1	37.127	KV452700.1	384308	1-scf00005	1
AX-157893276	1	37.127	KV452700.1	385959	1-scf00005	1
AX-157893280	1	37.127	KV452700.1	393299	1-scf00005	1
AX-157893287	1	37.127	KV452700.1	401514	1-scf00005	1
AX-157893293	1	37.127	KV452700.1	413992	1-scf00005	1
AX-157893294	1	37.127	KV452700.1	416733	1-scf00005	1
AX-157893296	1	37.127	KV452700.1	417901	1-scf00005	1
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AX-157893298	1	37.127	KV452700.1	422325	1-scf00005	1
AX-157893299	1	37.127	KV452700.1	422866	1-scf00005	1
AX-157893300	1	37.127	KV452700.1	423481	1-scf00005	1
AX-157893301	1	37.127	KV452700.1	424361	1-scf00005	1
AX-157893302	1	37.127	KV452700.1	425387	1-scf00005	1
AX-157893305	1	37.127	KV452700.1	428005	1-scf00005	1
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AX-157893315	1	37.127	KV452700.1	451315	1-scf00005	1
AX-157893317	1	37.127	KV452700.1	452677	1-scf00005	1
AX-157893318	1	37.127	KV452700.1	452920	1-scf00005	1
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AX-157893323	1	37.127	KV452700.1	460277	1-scf00005	1
AX-157893332	1	37.127	KV452700.1	473002	1-scf00005	1
AX-157893340	1	37.127	KV452700.1	479753	1-scf00005	1
AX-157893354	1	37.127	KV452700.1	492786	1-scf00005	1
AX-157893357	1	37.127	KV452700.1	495796	1-scf00005	1
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AX-157893359	1	37.127	KV452700.1	497856	1-scf00005	1
AX-157893360	1	37.127	KV452700.1	499967	1-scf00005	1
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AX-157893485	1	37.127	KV452700.1	696422	1-scf00005	1
AX-157893486	1	37.127	KV452700.1	698662	1-scf00005	1
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AX-157893886	1	37.127	KV452707.1	369158	1-scf00007	1
AX-157893890	1	37.127	KV452707.1	373566	1-scf00007	1
AX-157893891	1	37.127	KV452707.1	374009	1-scf00007	1
AX-157893900	1	37.127	KV452707.1	380171	1-scf00007	1
AX-157893914	1	37.127	KV452707.1	397461	1-scf00007	1
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AX-157893870	1	37.182	KV452707.1	343762	1-scf00007	1

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AX-157892947	1	37.237	KV452698.1	1756394	1-scf00002	1
AX-157810482	1	37.237	KV452698.1	1823206	1-scf00002	1
AX-157892995	1	37.237	KV452698.1	1825122	1-scf00002	1
AX-157893605	1	37.237	KV452698.1	1914017	1-scf00002	1
AX-157744105	1	37.237	KV452700.1	790962	1-scf00005	1
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AX-157893774	1	37.237	KV452707.1	185633	1-scf00007	1
AX-157893792	1	37.237	KV452707.1	204538	1-scf00007	1
AX-157893799	1	37.237	KV452707.1	215357	1-scf00007	1
AX-157893805	1	37.237	KV452707.1	229423	1-scf00007	1
AX-157893806	1	37.237	KV452707.1	231076	1-scf00007	1
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AX-157776304	1	37.237	KV452707.1	238610	1-scf00007	1
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AX-157810578	1	37.237	KV452707.1	268040	1-scf00007	1
AX-157893821	1	37.237	KV452707.1	274186	1-scf00007	1
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AX-157893825	1	37.237	KV452707.1	281050	1-scf00007	1
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AX-157893840	1	37.237	KV452707.1	306938	1-scf00007	1
AX-157893846	1	37.237	KV452707.1	313543	1-scf00007	1
AX-157893848	1	37.237	KV452707.1	314937	1-scf00007	1
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AX-157893925	1	37.237	KV452707.1	412217	1-scf00007	1
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AX-157893796	1	37.346	KV452707.1	212505	1-scf00007	1
AX-157893798	1	37.346	KV452707.1	214924	1-scf00007	1
AX-157893800	1	37.346	KV452707.1	216855	1-scf00007	1
AX-157893801	1	37.346	KV452707.1	218447	1-scf00007	1
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AX-157776303	1	37.346	KV452707.1	235219	1-scf00007	1
AX-157893814	1	37.346	KV452707.1	241381	1-scf00007	1
AX-157893844	1	37.346	KV452707.1	310835	1-scf00007	1
AX-157810590	1	37.346	KV452707.1	455398	1-scf00007	1
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AX-157757447	1	37.369	KV452707.1	178258	1-scf00007	1
AX-157893794	1	37.369	KV452707.1	207976	1-scf00007	1
AX-157893881	1	37.369	KV452707.1	360394	1-scf00007	1
AX-157748161	1	37.369	KV452707.1	432578	1-scf00007	1
AX-157893793	1	37.39	KV452707.1	205129	1-scf00007	1
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AX-157744036	1	37.423	KV452707.1	216553	1-scf00007	1
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AX-157893830	1	37.438	KV452707.1	293498	1-scf00007	1
AX-157893518	1	37.456	KV452700.1	751605	1-scf00005	1
AX-157893566	1	37.456	KV452700.1	837264	1-scf00005	1
AX-157893766	1	37.456	KV452707.1	168244	1-scf00007	1
AX-157893768	1	37.456	KV452707.1	175444	1-scf00007	1
AX-157893769	1	37.456	KV452707.1	177322	1-scf00007	1
AX-157893772	1	37.456	KV452707.1	182260	1-scf00007	1
AX-157893773	1	37.456	KV452707.1	182709	1-scf00007	1
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AX-157810564	1	37.456	KV452707.1	191193	1-scf00007	1
AX-157893779	1	37.456	KV452707.1	192305	1-scf00007	1
AX-157893832	1	37.456	KV452707.1	295702	1-scf00007	1
AX-157893852	1	37.456	KV452707.1	321126	1-scf00007	1
AX-157893871	1	37.456	KV452707.1	346461	1-scf00007	1
AX-157752044	1	37.457	KV452707.1	113893	1-scf00007	1
AX-157894027	1	37.726	KV452708.1	494	1-scf00008	1
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AX-157893988	1	38.435	KV452707.1	507919	1-scf00007	1
AX-157883072	1	38.435	KV452708.1	15913	1-scf00008	1
AX-157810620	1	38.435	KV452708.1	19896	1-scf00008	1
AX-157894045	1	38.51	KV452708.1	26218	1-scf00008	1

AX-157894046	1	38.521	KV452708.1	26871	1-scf00008	1
AX-157894048	1	38.528	KV452708.1	28355	1-scf00008	1
AX-157894052	1	38.528	KV452708.1	32491	1-scf00008	1
AX-157894069	1	38.539	KV452708.1	67731	1-scf00008	1
AX-157772393	1	38.552	KV452708.1	70769	1-scf00008	1
AX-157894070	1	38.552	KV452708.1	71456	1-scf00008	1
AX-157894076	1	38.845	KV452708.1	83750	1-scf00008	1
AX-157894078	1	38.845	KV452708.1	85214	1-scf00008	1
AX-157894082	1	38.845	KV452708.1	104684	1-scf00008	1
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AX-157894079	1	38.846	KV452708.1	87124	1-scf00008	1
AX-157810633	1	38.846	KV452708.1	136765	1-scf00008	1
AX-157894075	1	38.989	KV452708.1	83318	1-scf00008	1
AX-157773945	1	38.989	KV452708.1	116047	1-scf00008	1
AX-157894088	1	38.989	KV452708.1	119322	1-scf00008	1
AX-157894089	1	38.989	KV452708.1	119966	1-scf00008	1
AX-157894090	1	38.989	KV452708.1	120982	1-scf00008	1
AX-157894091	1	38.989	KV452708.1	122104	1-scf00008	1
AX-157894092	1	38.989	KV452708.1	127122	1-scf00008	1
AX-157748539	1	38.989	KV452708.1	128397	1-scf00008	1
AX-157894107	1	38.989	KV452708.1	159326	1-scf00008	1
AX-157894119	1	38.989	KV452708.1	180650	1-scf00008	1
AX-157894084	1	39.13	KV452708.1	109060	1-scf00008	1
AX-157810631	1	39.13	KV452708.1	130630	1-scf00008	1
AX-157894097	1	39.281	KV452708.1	140667	1-scf00008	1
AX-157810635	1	39.423	KV452708.1	141369	1-scf00008	1
AX-157894098	1	39.424	KV452708.1	146509	1-scf00008	1
AX-157810639	1	39.425	KV452708.1	147582	1-scf00008	1
AX-157810637	1	39.426	KV452708.1	145297	1-scf00008	1
AX-157894100	1	39.426	KV452708.1	150426	1-scf00008	1
AX-157894102	1	39.426	KV452708.1	152471	1-scf00008	1
AX-157894105	1	39.427	KV452708.1	155213	1-scf00008	1
AX-157894106	1	39.427	KV452708.1	157399	1-scf00008	1
AX-157894108	1	39.427	KV452708.1	159689	1-scf00008	1
AX-157893533	1	39.674	KV452700.1	777401	1-scf00005	1
AX-157894028	1	39.674	KV452708.1	867	1-scf00008	1
AX-157894116	1	39.674	KV452708.1	175524	1-scf00008	1
AX-157894120	1	39.918	KV452708.1	180813	1-scf00008	1
AX-157894124	1	40.69	KV452708.1	193416	1-scf00008	1
AX-157810641	1	41.07	KV452708.1	196197	1-scf00008	1
AX-157810643	1	41.071	KV452708.1	197572	1-scf00008	1
AX-157748602	1	41.071	KV452708.1	199154	1-scf00008	1
AX-157810644	1	41.071	KV452708.1	199448	1-scf00008	1
AX-157743025	1	41.071	KV452708.1	199830	1-scf00008	1
AX-157714203	1	41.397	KV452708.1	202762	1-scf00008	1
AX-157742218	1	41.398	KV452708.1	206901	1-scf00008	1
AX-157894127	1	41.398	KV452708.1	206975	1-scf00008	1
AX-157894128	1	41.422	KV452708.1	208475	1-scf00008	1
AX-157894133	1	41.422	KV452708.1	221951	1-scf00008	1
AX-157717355	1	41.451	KV452708.1	212828	1-scf00008	1
AX-157810648	1	41.476	KV452708.1	218721	1-scf00008	1

AX-157894135	1	41.476	KV452708.1	225485	1-scf00008	1
AX-157894132	1	41.507	KV452708.1	219595	1-scf00008	1
AX-157744060	1	41.507	KV452708.1	222753	1-scf00008	1
AX-157740986	1	41.644	KV452708.1	196429	1-scf00008	1
AX-157894134	1	41.644	KV452708.1	224909	1-scf00008	1
AX-157810630	1	41.671	KV452708.1	94648	1-scf00008	1
AX-157894081	1	41.671	KV452708.1	100864	1-scf00008	1
AX-157894136	1	41.671	KV452708.1	233008	1-scf00008	1
AX-157894192	1	41.671	KV452708.1	329783	1-scf00008	1
AX-157810650	1	41.726	KV452708.1	237092	1-scf00008	1
AX-157894143	1	41.726	KV452708.1	243137	1-scf00008	1
AX-157746042	1	41.726	KV452708.1	244690	1-scf00008	1
AX-157894148	1	41.726	KV452708.1	249062	1-scf00008	1
AX-157810651	1	41.729	KV452708.1	244529	1-scf00008	1
AX-157894147	1	41.729	KV452708.1	247737	1-scf00008	1
AX-157894151	1	42.017	KV452708.1	253738	1-scf00008	1
AX-157894155	1	42.017	KV452708.1	268950	1-scf00008	1
AX-157810653	1	42.163	KV452708.1	275378	1-scf00008	1
AX-157810654	1	42.163	KV452708.1	278198	1-scf00008	1
AX-157894158	1	42.163	KV452708.1	282750	1-scf00008	1
AX-157894159	1	42.163	KV452708.1	284215	1-scf00008	1
AX-157894161	1	42.163	KV452708.1	284940	1-scf00008	1
AX-157745024	1	42.163	KV452708.1	288196	1-scf00008	1
AX-157894168	1	42.163	KV452708.1	296808	1-scf00008	1
AX-157894180	1	42.163	KV452708.1	313509	1-scf00008	1
AX-157894169	1	42.49	KV452708.1	301068	1-scf00008	1
AX-157894176	1	42.49	KV452708.1	306711	1-scf00008	1
AX-157752861	1	42.491	KV452708.1	69303	1-scf00008	1
AX-157772201	1	42.491	KV452708.1	307292	1-scf00008	1
AX-157894178	1	42.491	KV452708.1	309359	1-scf00008	1
AX-157894179	1	42.491	KV452708.1	311576	1-scf00008	1
AX-157810660	1	42.493	KV452708.1	314673	1-scf00008	1
AX-157894184	1	42.495	KV452708.1	317659	1-scf00008	1
AX-157894186	1	42.9	KV452708.1	321372	1-scf00008	1
AX-157894187	1	42.9	KV452708.1	321553	1-scf00008	1
AX-157894188	1	42.9	KV452708.1	321955	1-scf00008	1
AX-157864361	1	42.9	KV452708.1	334303	1-scf00008	1
AX-157810663	1	42.9	KV452708.1	359679	1-scf00008	1
AX-157894190	1	42.901	KV452708.1	328449	1-scf00008	1
AX-157894195	1	42.902	KV452708.1	333253	1-scf00008	1
AX-157894201	1	42.903	KV452708.1	339183	1-scf00008	1
AX-157894212	1	43.355	KV452708.1	359636	1-scf00008	1
AX-157894217	1	43.584	KV452708.1	371930	1-scf00008	1
AX-157894218	1	43.584	KV452708.1	372326	1-scf00008	1
AX-157894221	1	43.584	KV452708.1	376124	1-scf00008	1
AX-157894223	1	43.584	KV452708.1	379965	1-scf00008	1
AX-157894234	1	43.584	KV452708.1	395091	1-scf00008	1
AX-157894233	1	43.623	KV452708.1	393249	1-scf00008	1
AX-157853554	1	43.694	KV452708.1	220820	1-scf00008	1
AX-158404287	1	43.694	KV452708.1	229082	1-scf00008	1
AX-157894171	1	43.694	KV452708.1	303136	1-scf00008	1

AX-157894229	1	43.694	KV452708.1	388964	1-scf00008	1
AX-157894235	1	43.694	KV452708.1	396529	1-scf00008	1
AX-157894238	1	43.694	KV452708.1	400455	1-scf00008	1
AX-157894239	1	43.694	KV452708.1	400942	1-scf00008	1
AX-157894241	1	43.694	KV452708.1	401610	1-scf00008	1
AX-157894240	1	43.803	KV452708.1	401146	1-scf00008	1
AX-157810667	1	43.803	KV452708.1	404216	1-scf00008	1
AX-157894242	1	43.803	KV452708.1	405494	1-scf00008	1
AX-157810668	1	43.803	KV452708.1	410617	1-scf00008	1
AX-157894200	1	44.021	KV452708.1	337513	1-scf00008	1
AX-157894252	1	44.021	KV452708.1	418976	1-scf00008	1
AX-157894257	1	44.021	KV452708.1	425466	1-scf00008	1
AX-157894258	1	44.021	KV452708.1	426435	1-scf00008	1
AX-157894260	1	44.021	KV452708.1	428036	1-scf00008	1
AX-157894261	1	44.021	KV452708.1	428862	1-scf00008	1
AX-157742409	1	44.021	KV452708.1	432101	1-scf00008	1
AX-157810670	1	44.021	KV452708.1	433330	1-scf00008	1
AX-157810671	1	44.021	KV452708.1	433882	1-scf00008	1
AX-157719298	1	44.021	KV452708.1	434853	1-scf00008	1
AX-157894262	1	44.021	KV452708.1	436574	1-scf00008	1
AX-157894263	1	44.021	KV452708.1	438485	1-scf00008	1
AX-157894264	1	44.021	KV452708.1	440698	1-scf00008	1
AX-157810672	1	44.021	KV452708.1	443687	1-scf00008	1
AX-157894268	1	44.313	KV452708.1	446261	1-scf00008	1
AX-157745593	1	44.313	KV452708.1	447730	1-scf00008	1
AX-157894269	1	44.313	KV452708.1	447859	1-scf00008	1
AX-157894277	1	44.313	KV452708.1	468407	1-scf00008	1
AX-157810646	1	44.458	KV452708.1	205235	1-scf00008	1
AX-157810665	1	44.458	KV452708.1	365505	1-scf00008	1
AX-157714780	1	44.458	KV452708.1	457473	1-scf00008	1
AX-157894273	1	44.458	KV452708.1	460570	1-scf00008	1
AX-158381941	1	44.458	KV452708.1	464469	1-scf00008	1
AX-157894275	1	44.458	KV452708.1	465406	1-scf00008	1
AX-157738363	1	44.458	KV452708.1	470542	1-scf00008	1
AX-157862589	1	44.458	KV452708.1	472678	1-scf00008	1
AX-157894280	1	44.458	KV452708.1	475561	1-scf00008	1
AX-157894281	1	44.458	KV452708.1	476433	1-scf00008	1
AX-157894282	1	44.458	KV452708.1	476832	1-scf00008	1
AX-157810677	1	44.458	KV452708.1	497378	1-scf00008	1
AX-157894288	1	44.459	KV452708.1	481493	1-scf00008	1
AX-157894253	1	44.46	KV452708.1	420722	1-scf00008	1
AX-157744986	1	44.46	KV452708.1	482111	1-scf00008	1
AX-157894289	1	44.786	KV452708.1	486776	1-scf00008	1
AX-157894290	1	44.786	KV452708.1	487348	1-scf00008	1
AX-157810675	1	44.786	KV452708.1	490987	1-scf00008	1
AX-157810676	1	44.786	KV452708.1	493506	1-scf00008	1
AX-157894292	1	44.786	KV452708.1	494378	1-scf00008	1
AX-157894293	1	44.786	KV452708.1	495076	1-scf00008	1
AX-157894139	1	44.847	KV452708.1	236464	1-scf00008	1
AX-157864360	1	44.847	KV452708.1	283646	1-scf00008	1
AX-157864362	1	44.847	KV452708.1	343927	1-scf00008	1

AX-157894230	1	44.847	KV452708.1	389839	1-scf00008	1
AX-157894295	1	44.847	KV452708.1	498616	1-scf00008	1
AX-157894294	1	44.919	KV452708.1	497758	1-scf00008	1
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AX-157874291	1	45.004	KV452708.1	502660	1-scf00008	1
AX-157894297	1	45.004	KV452708.1	505314	1-scf00008	1
AX-157746873	1	45.004	KV452708.1	505577	1-scf00008	1
AX-157894298	1	45.004	KV452708.1	505910	1-scf00008	1
AX-157894299	1	45.004	KV452708.1	508319	1-scf00008	1
AX-157894300	1	45.004	KV452708.1	509160	1-scf00008	1
AX-157894301	1	45.004	KV452708.1	509855	1-scf00008	1
AX-157894305	1	45.004	KV452708.1	514825	1-scf00008	1
AX-157717580	1	45.004	KV452708.1	515335	1-scf00008	1
AX-158404300	1	45.004	KV452708.1	519304	1-scf00008	1
AX-157894310	1	45.004	KV452708.1	526586	1-scf00008	1
AX-157713083	1	45.004	KV452708.1	570843	1-scf00008	1
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AX-157894314	1	45.223	KV452708.1	535421	1-scf00008	1
AX-157883075	1	45.223	KV452708.1	535666	1-scf00008	1
AX-157753568	1	45.223	KV452708.1	539419	1-scf00008	1
AX-157722002	1	45.223	KV452708.1	540582	1-scf00008	1
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AX-157894323	1	45.223	KV452708.1	549890	1-scf00008	1
AX-157894325	1	45.223	KV452708.1	551933	1-scf00008	1
AX-157894319	1	45.504	KV452708.1	543245	1-scf00008	1
AX-157894332	1	45.504	KV452708.1	564129	1-scf00008	1
AX-158381942	1	45.504	KV452708.1	570385	1-scf00008	1
AX-157894334	1	45.504	KV452708.1	572972	1-scf00008	1
AX-157894335	1	45.504	KV452708.1	575069	1-scf00008	1
AX-157894336	1	45.504	KV452708.1	576502	1-scf00008	1
AX-157810684	1	45.504	KV452708.1	577621	1-scf00008	1
AX-157894338	1	45.793	KV452708.1	583056	1-scf00008	1
AX-157894328	1	45.918	KV452708.1	555936	1-scf00008	1
AX-157894340	1	45.918	KV452708.1	588621	1-scf00008	1
AX-157894342	1	45.925	KV452708.1	590838	1-scf00008	1
AX-157894343	1	45.938	KV452708.1	591321	1-scf00008	1
AX-157894345	1	46.206	KV452708.1	593665	1-scf00008	1
AX-157894346	1	46.206	KV452708.1	595106	1-scf00008	1
AX-158404301	1	46.207	KV452708.1	595373	1-scf00008	1
AX-157714029	1	46.316	KV452708.1	596644	1-scf00008	1
AX-157894347	1	46.316	KV452708.1	600248	1-scf00008	1
AX-157894348	1	46.425	KV452708.1	603364	1-scf00008	1
AX-157747147	1	46.486	KV452708.1	604504	1-scf00008	1
AX-157894349	1	46.534	KV452708.1	605999	1-scf00008	1
AX-157810685	1	46.534	KV452708.1	606254	1-scf00008	1
AX-157894351	1	46.535	KV452708.1	607899	1-scf00008	1
AX-157894352	1	46.535	KV452708.1	608337	1-scf00008	1
AX-157717501	1	46.697	KV452708.1	611507	1-scf00008	1
AX-157894353	1	46.761	KV452708.1	610393	1-scf00008	1
AX-157894355	1	46.761	KV452708.1	615659	1-scf00008	1
AX-157894388	1	46.761	KV452708.1	660282	1-scf00008	1

AX-157894357	1	46.97	KV452708.1	620221	1-scf00008	1
AX-157894356	1	47.194	KV452708.1	619413	1-scf00008	1
AX-157894359	1	47.194	KV452708.1	622464	1-scf00008	1
AX-157894360	1	47.194	KV452708.1	623017	1-scf00008	1
AX-157894372	1	47.194	KV452708.1	641442	1-scf00008	1
AX-158404304	1	47.293	KV452708.1	629620	1-scf00008	1
AX-157894364	1	47.52	KV452708.1	630224	1-scf00008	1
AX-157894365	1	47.52	KV452708.1	631416	1-scf00008	1
AX-157810687	1	47.52	KV452708.1	631740	1-scf00008	1
AX-157739123	1	47.52	KV452708.1	638414	1-scf00008	1
AX-157894375	1	47.52	KV452708.1	642753	1-scf00008	1
AX-157894376	1	47.52	KV452708.1	643909	1-scf00008	1
AX-157894377	1	47.52	KV452708.1	644682	1-scf00008	1
AX-157894379	1	47.52	KV452708.1	646198	1-scf00008	1
AX-157894380	1	47.52	KV452708.1	648208	1-scf00008	1
AX-157717518	1	47.52	KV452708.1	650151	1-scf00008	1
AX-157894382	1	47.52	KV452708.1	653355	1-scf00008	1
AX-157894383	1	47.52	KV452708.1	654018	1-scf00008	1
AX-157894384	1	47.52	KV452708.1	655154	1-scf00008	1
AX-157894403	1	47.52	KV452708.1	681921	1-scf00008	1
AX-157894350	1	47.629	KV452708.1	607032	1-scf00008	1
AX-158421772	1	47.629	KV452708.1	632231	1-scf00008	1
AX-158379119	1	47.629	KV452708.1	657290	1-scf00008	1
AX-157718264	1	47.629	KV452708.1	657470	1-scf00008	1
AX-157894385	1	47.629	KV452708.1	657825	1-scf00008	1
AX-157894391	1	47.629	KV452708.1	662409	1-scf00008	1
AX-157894378	1	47.738	KV452708.1	645277	1-scf00008	1
AX-158404309	1	47.738	KV452708.1	667258	1-scf00008	1
AX-157894394	1	47.738	KV452708.1	668044	1-scf00008	1
AX-157894395	1	47.738	KV452708.1	669186	1-scf00008	1
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AX-157810688	1	47.738	KV452708.1	671833	1-scf00008	1
AX-157894398	1	47.738	KV452708.1	672637	1-scf00008	1
AX-157862590	1	47.738	KV452708.1	676508	1-scf00008	1
AX-157894401	1	47.738	KV452708.1	676610	1-scf00008	1
AX-157776381	1	47.849	KV452708.1	682460	1-scf00008	1
AX-157748592	1	47.911	KV452708.1	675189	1-scf00008	1
AX-157810690	1	47.911	KV452708.1	684587	1-scf00008	1
AX-157894407	1	47.911	KV452708.1	686113	1-scf00008	1
AX-157810691	1	47.985	KV452708.1	689537	1-scf00008	1
AX-157894409	1	47.991	KV452708.1	689867	1-scf00008	1
AX-157716394	1	48.037	KV452708.1	692939	1-scf00008	1
AX-157810693	1	48.037	KV452708.1	693129	1-scf00008	1
AX-157743585	1	48.083	KV452708.1	699588	1-scf00008	1
AX-158403798	1	48.083	KV452708.1	701303	1-scf00008	1
AX-157894413	1	48.344	KV452708.1	702568	1-scf00008	1
AX-157894414	1	48.344	KV452708.1	703721	1-scf00008	1
AX-157894417	1	48.344	KV452708.1	709286	1-scf00008	1
AX-157894422	1	48.815	KV452708.1	715474	1-scf00008	1
AX-157810694	1	49.051	KV452708.1	724170	1-scf00008	1
AX-157894430	1	49.051	KV452708.1	729433	1-scf00008	1

AX-157894432	1	49.051	KV452708.1	732054	1-scf00008	1
AX-157894438	1	49.377	KV452708.1	738832	1-scf00008	1
AX-157894439	1	49.377	KV452708.1	739927	1-scf00008	1
AX-157894429	1	49.378	KV452708.1	727301	1-scf00008	1
AX-157894440	1	49.378	KV452708.1	741056	1-scf00008	1
AX-157894442	1	49.378	KV452708.1	743424	1-scf00008	1
AX-157894443	1	49.378	KV452708.1	745233	1-scf00008	1
AX-157894444	1	49.378	KV452708.1	746105	1-scf00008	1
AX-157775920	1	49.488	KV452708.1	748368	1-scf00008	1
AX-157894445	1	49.488	KV452708.1	748864	1-scf00008	1
AX-157894446	1	49.488	KV452708.1	752159	1-scf00008	1
AX-157894448	1	49.488	KV452708.1	755736	1-scf00008	1
AX-157894450	1	49.488	KV452708.1	756996	1-scf00008	1
AX-157771278	1	49.544	KV452708.1	758860	1-scf00008	1
AX-157894434	1	49.597	KV452708.1	734183	1-scf00008	1
AX-157894452	1	49.597	KV452708.1	760323	1-scf00008	1
AX-157894455	1	49.597	KV452708.1	763683	1-scf00008	1
AX-157894456	1	49.597	KV452708.1	764879	1-scf00008	1
AX-157894457	1	49.597	KV452708.1	766468	1-scf00008	1
AX-157894463	1	49.597	KV452708.1	773896	1-scf00008	1
AX-157741669	1	49.597	KV452708.1	774652	1-scf00008	1
AX-157894465	1	49.597	KV452708.1	775443	1-scf00008	1
AX-157810697	1	49.908	KV452708.1	778854	1-scf00008	1
AX-157752983	1	49.908	KV452708.1	779936	1-scf00008	1
AX-157894467	1	49.908	KV452708.1	784634	1-scf00008	1
AX-157894454	1	49.912	KV452708.1	762585	1-scf00008	1
AX-157894466	1	49.912	KV452708.1	782062	1-scf00008	1
AX-157894468	1	50.011	KV452708.1	785515	1-scf00008	1
AX-157894469	1	50.122	KV452708.1	786489	1-scf00008	1
AX-157894471	1	50.334	KV452708.1	789499	1-scf00008	1
AX-157894472	1	50.336	KV452708.1	789917	1-scf00008	1
AX-157894474	1	50.471	KV452708.1	793335	1-scf00008	1
AX-157894475	1	50.471	KV452708.1	793764	1-scf00008	1
AX-157894480	1	50.471	KV452708.1	800074	1-scf00008	1
AX-157894481	1	50.471	KV452708.1	800988	1-scf00008	1
AX-157853557	1	50.581	KV452708.1	807073	1-scf00008	1
AX-157894486	1	50.581	KV452708.1	810340	1-scf00008	1
AX-157894488	1	50.778	KV452708.1	811815	1-scf00008	1
AX-157750675	1	50.966	KV452708.1	815076	1-scf00008	1
AX-157894492	1	51.173	KV452708.1	823498	1-scf00008	1
AX-157725168	1	51.173	KV452708.1	824455	1-scf00008	1
AX-157749973	1	51.254	KV452708.1	832138	1-scf00008	1
AX-158379121	1	51.261	KV452708.1	833385	1-scf00008	1
AX-157895193	1	51.261	KV452708.1	2081142	1-scf00008	1
AX-157894499	1	51.874	KV452708.1	838544	1-scf00008	1
AX-157894500	1	52.119	KV452708.1	841736	1-scf00008	1
AX-157894501	1	52.119	KV452708.1	843894	1-scf00008	1
AX-157894504	1	52.888	KV452708.1	848753	1-scf00008	1
AX-157894506	1	53.008	KV452708.1	850077	1-scf00008	1
AX-157894510	1	53.108	KV452708.1	859050	1-scf00008	1
AX-157894513	1	53.328	KV452708.1	864024	1-scf00008	1

AX-157810702	1	53.328	KV452708.1	867298	1-scf00008	1
AX-157894515	1	53.328	KV452708.1	870076	1-scf00008	1
AX-157894517	1	53.328	KV452708.1	871298	1-scf00008	1
AX-157894519	1	53.328	KV452708.1	872434	1-scf00008	1
AX-157894521	1	53.385	KV452708.1	875090	1-scf00008	1
AX-157894524	1	53.411	KV452708.1	877024	1-scf00008	1
AX-157894527	1	53.437	KV452708.1	884635	1-scf00008	1
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AX-157904711	1	59.769	KV452713.1	4146712	1-scf00011	1
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AX-157904713	1	59.769	KV452713.1	4148380	1-scf00011	1
AX-157726504	1	59.769	KV452713.1	4164083	1-scf00011	1
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AX-157904786	1	59.769	KV452713.1	4245764	1-scf00011	1
AX-157904801	1	59.769	KV452713.1	4266098	1-scf00011	1
AX-157698925	1	59.769	KV452713.1	4266636	1-scf00011	1
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AX-157903818	1	59.928	KV452713.1	2590216	1-scf00011	1
AX-157903830	1	59.928	KV452713.1	2605842	1-scf00011	1
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AX-157771035	1	59.937	KV452713.1	2182243	1-scf00011	1
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AX-157904747	1	59.946	KV452713.1	4196343	1-scf00011	1
AX-157904758	1	59.946	KV452713.1	4207452	1-scf00011	1
AX-157904776	1	59.946	KV452713.1	4228493	1-scf00011	1
AX-157904847	1	59.946	KV452713.1	4327907	1-scf00011	1
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AX-157904756	1	59.966	KV452713.1	4205988	1-scf00011	1
AX-157904717	1	59.978	KV452713.1	4151276	1-scf00011	1
AX-157749885	1	59.978	KV452713.1	4208377	1-scf00011	1
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AX-157904817	1	60.206	KV452713.1	4289120	1-scf00011	1
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AX-157905131	1	62.053	KV452713.1	4699203	1-scf00011	1
AX-157905318	1	62.053	KV452713.1	4987777	1-scf00011	1
AX-158379174	1	62.054	KV452713.1	4643815	1-scf00011	1
AX-157905112	1	62.56	KV452713.1	4664032	1-scf00011	1
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AX-157905115	1	62.591	KV452713.1	4668732	1-scf00011	1
AX-157905117	1	62.591	KV452713.1	4669957	1-scf00011	1
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AX-157905122	1	62.591	KV452713.1	4677189	1-scf00011	1
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AX-157775082	1	62.591	KV452713.1	4836574	1-scf00011	1
AX-157905124	1	62.864	KV452713.1	4688384	1-scf00011	1
AX-157709616	1	62.864	KV452713.1	4689228	1-scf00011	1

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AX-157905158	1	63.118	KV452713.1	4738236	1-scf00011	1
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AX-157905157	1	63.128	KV452713.1	4736459	1-scf00011	1
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AX-157905171	1	63.128	KV452713.1	4777683	1-scf00011	1
AX-157905178	1	63.128	KV452713.1	4785627	1-scf00011	1
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AX-157905181	1	63.128	KV452713.1	4790928	1-scf00011	1
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AX-157905193	1	63.128	KV452713.1	4802522	1-scf00011	1
AX-157811879	1	63.128	KV452713.1	4802794	1-scf00011	1
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AX-157905234	1	63.128	KV452713.1	4846564	1-scf00011	1
AX-157905237	1	63.128	KV452713.1	4849336	1-scf00011	1
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AX-157905246	1	63.128	KV452713.1	4863682	1-scf00011	1
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AX-157811899	1	64.024	KV452713.1	4945045	1-scf00011	1
AX-157905305	1	64.024	KV452713.1	4970737	1-scf00011	1
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AX-157907162	1	75.814	KV452713.1	7745668	1-scf00011	1
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AX-157907222	1	76.39	KV452713.1	7823629	1-scf00011	1
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AX-157907544	1	80.531	KV452713.1	8238506	1-scf00011	1

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AX-157907552	1	80.734	KV452713.1	8248058	1-scf00011	1
AX-157907564	1	80.734	KV452713.1	8267975	1-scf00011	1
AX-157907553	1	80.761	KV452713.1	8248415	1-scf00011	1
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AX-157812240	2	10.534	KV453182.1	1510126	20-scf00019	20
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AX-157911047	2	11.518	KV453182.1	1517312	20-scf00019	20
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AX-157812242	2	11.518	KV453182.1	1568771	20-scf00019	20
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AX-157812787	2	54.667	KV453193.1	2678579	20-scf00021	20
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AX-157916826	2	54.667	KV453193.1	2777447	20-scf00021	20
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AX-157917137	2	56.743	KV453193.1	3169034	20-scf00021	20
AX-157917153	2	56.743	KV453193.1	3180701	20-scf00021	20
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AX-157917154	2	56.881	KV453193.1	3181369	20-scf00021	20
AX-157917160	2	56.917	KV453193.1	3197178	20-scf00021	20
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AX-157918558	2	71.927	KV453193.1	5241909	20-scf00021	20
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AX-157725122	2	72.594	KV453193.1	5254554	20-scf00021	20
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AX-157918572	2	72.595	KV453193.1	5255686	20-scf00021	20
AX-157918576	2	72.595	KV453193.1	5260096	20-scf00021	20
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AX-157918600	2	73.141	KV453193.1	5290237	20-scf00021	20
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AX-157754377	2	73.141	KV453193.1	5434425	20-scf00021	20
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AX-157918610	2	73.292	KV453193.1	5302924	20-scf00021	20
AX-157918611	2	73.36	KV453193.1	5303683	20-scf00021	20
AX-157918626	2	73.36	KV453193.1	5317601	20-scf00021	20
AX-157918628	2	73.36	KV453193.1	5318749	20-scf00021	20
AX-157918631	2	73.578	KV453193.1	5320640	20-scf00021	20
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AX-157918634	2	73.578	KV453193.1	5324043	20-scf00021	20
AX-157918636	2	73.578	KV453193.1	5324699	20-scf00021	20
AX-157918637	2	73.797	KV453193.1	5325901	20-scf00021	20
AX-157812986	2	73.86	KV453193.1	5328640	20-scf00021	20
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AX-157812987	2	73.906	KV453193.1	5329527	20-scf00021	20
AX-157918638	2	73.906	KV453193.1	5331571	20-scf00021	20
AX-157918641	2	73.906	KV453193.1	5339281	20-scf00021	20

AX-157918642	2	73.906	KV453193.1	5342112	20-scf00021	20
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AX-157812989	2	73.906	KV453193.1	5344536	20-scf00021	20
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AX-157714190	2	73.906	KV453193.1	5353238	20-scf00021	20
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AX-157918666	2	73.906	KV453193.1	5380723	20-scf00021	20
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AX-157918771	2	75.435	KV453193.1	5526142	20-scf00021	20
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AX-157918947	2	77.191	KV453193.1	5760206	20-scf00021	20
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AX-157918979	2	78.387	KV453193.1	5815138	20-scf00021	20
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AX-157918987	2	78.387	KV453193.1	5819959	20-scf00021	20
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AX-157918998	2	79.59	KV453193.1	5838164	20-scf00021	20
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AX-157727464	2	79.59	KV453193.1	5844464	20-scf00021	20
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AX-157919011	2	79.809	KV453193.1	5849387	20-scf00021	20
AX-157919012	2	79.809	KV453193.1	5849990	20-scf00021	20
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AX-157919017	2	79.809	KV453193.1	5854310	20-scf00021	20
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AX-157919325	2	84.98	KV453193.1	6283193	20-scf00021	20
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AX-157919327	2	85.027	KV453193.1	6285190	20-scf00021	20
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AX-157813068	2	85.027	KV453193.1	6300376	20-scf00021	20
AX-157727577	2	85.027	KV453193.1	6356958	20-scf00021	20
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AX-157920838	3	1.201	KV452721.1	83438	2-scf00033	2
AX-157745541	3	1.201	KV452721.1	83669	2-scf00033	2
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AX-157920832	3	1.227	KV452721.1	67808	2-scf00033	2
AX-157920839	3	1.227	KV452721.1	88631	2-scf00033	2
AX-157920841	3	1.227	KV452721.1	89810	2-scf00033	2
AX-157920849	3	1.227	KV452721.1	99176	2-scf00033	2
AX-157920854	3	1.268	KV452721.1	105960	2-scf00033	2
AX-157748570	3	1.268	KV452722.1	62392	2-scf00034	2
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AX-157920862	3	1.308	KV452721.1	127647	2-scf00033	2
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AX-157920872	3	1.384	KV452721.1	143512	2-scf00033	2
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AX-157920888	3	1.976	KV452722.1	18111	2-scf00034	2
AX-157920891	3	1.976	KV452722.1	20064	2-scf00034	2
AX-157920892	3	1.976	KV452722.1	20441	2-scf00034	2
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AX-157920905	3	2.302	KV452722.1	46966	2-scf00034	2
AX-157920906	3	2.302	KV452722.1	48658	2-scf00034	2

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AX-157920927	3	2.714	KV452723.1	11860	2-scf00035	2
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AX-157869152	3	3.124	KV452723.1	57709	2-scf00035	2
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AX-157725114	3	3.124	KV452723.1	60360	2-scf00035	2
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AX-157920984	3	3.505	KV452723.1	130041	2-scf00035	2

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AX-157921122	3	4.823	KV452723.1	404021	2-scf00035	2
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AX-157921152	3	4.823	KV452723.1	437237	2-scf00035	2
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AX-157921216	3	6.092	KV452723.1	550772	2-scf00035	2

AX-157921194	3	6.238	KV452723.1	514797	2-scf00035	2
AX-157921196	3	6.238	KV452723.1	517177	2-scf00035	2
AX-157921205	3	6.238	KV452723.1	527291	2-scf00035	2
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AX-157770683	3	6.539	KV452723.1	575468	2-scf00035	2
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AX-157874756	3	6.77	KV452723.1	588523	2-scf00035	2
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AX-157921249	3	7.003	KV452723.1	610223	2-scf00035	2
AX-157921251	3	7.003	KV452723.1	613270	2-scf00035	2
AX-157921255	3	7.254	KV452723.1	622340	2-scf00035	2
AX-157921257	3	7.254	KV452723.1	624560	2-scf00035	2
AX-157874758	3	7.254	KV452723.1	626064	2-scf00035	2
AX-157921258	3	7.254	KV452723.1	627172	2-scf00035	2
AX-157921260	3	7.254	KV452723.1	630266	2-scf00035	2
AX-157749986	3	7.254	KV452723.1	633871	2-scf00035	2
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AX-157921284	3	7.639	KV452723.1	662178	2-scf00035	2
AX-157921286	3	7.639	KV452723.1	664668	2-scf00035	2
AX-157813280	3	7.639	KV452723.1	674966	2-scf00035	2
AX-157757812	3	7.64	KV452723.1	639145	2-scf00035	2
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AX-157921266	3	7.642	KV452723.1	642154	2-scf00035	2
AX-157921268	3	7.642	KV452723.1	643287	2-scf00035	2
AX-157921269	3	7.878	KV452723.1	643971	2-scf00035	2
AX-157921273	3	7.974	KV452723.1	650481	2-scf00035	2
AX-157750691	3	7.993	KV452723.1	651112	2-scf00035	2
AX-157921275	3	7.993	KV452723.1	652505	2-scf00035	2
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AX-157921281	3	8.207	KV452723.1	659646	2-scf00035	2
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AX-157921285	3	8.305	KV452723.1	663053	2-scf00035	2
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AX-157921294	3	8.536	KV452723.1	679491	2-scf00035	2
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AX-157921317	3	9.259	KV452723.1	718154	2-scf00035	2
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AX-157921324	3	9.482	KV452724.1	16166	2-scf00036	2
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AX-157921519	3	13.21	KV452724.1	335653	2-scf00036	2
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AX-157921645	3	13.456	KV452724.1	565539	2-scf00036	2
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AX-157687303	3	13.456	KV452727.1	98950	2-scf00038	2
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AX-157680499	3	14.226	KV452727.1	60841	2-scf00038	2
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AX-157682476	3	14.481	KV452727.1	55380	2-scf00038	2

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AX-157682471	3	14.481	KV452727.1	59695	2-scf00038	2
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AX-157682484	3	15.669	KV452727.1	29560	2-scf00038	2
AX-157682486	3	15.677	KV452727.1	26330	2-scf00038	2
AX-157682490	3	15.805	KV452727.1	16564	2-scf00038	2
AX-157681321	3	15.805	KV452727.1	31313	2-scf00038	2
AX-157682491	3	15.951	KV452727.1	13356	2-scf00038	2
AX-157687301	3	16.278	KV452727.1	95736	2-scf00038	2
AX-157682502	3	16.278	KV452729.1	2135	2-scf00039	2
AX-157705956	3	16.356	KV452729.1	4234	2-scf00039	2
AX-157921657	3	16.513	KV452730.1	579	2-scf00040	2
AX-158421929	3	16.513	KV452730.1	2505	2-scf00040	2
AX-157813319	3	16.613	KV452730.1	2668	2-scf00040	2
AX-157921663	3	16.649	KV452730.1	3495	2-scf00040	2
AX-157921664	3	16.97	KV452730.1	7148	2-scf00040	2
AX-157719839	3	16.97	KV452730.1	26479	2-scf00040	2
AX-157921723	3	16.97	KV452730.1	77572	2-scf00040	2
AX-157921668	3	16.976	KV452730.1	12667	2-scf00040	2
AX-157921672	3	16.976	KV452730.1	15403	2-scf00040	2
AX-157921682	3	17.135	KV452730.1	26946	2-scf00040	2
AX-158405280	3	17.135	KV452730.1	27571	2-scf00040	2
AX-157921684	3	17.173	KV452730.1	28298	2-scf00040	2
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AX-157750723	3	17.295	KV452730.1	38249	2-scf00040	2
AX-157718314	3	17.295	KV452730.1	38894	2-scf00040	2
AX-157921698	3	17.295	KV452730.1	47620	2-scf00040	2
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AX-157713100	3	17.55	KV452730.1	61248	2-scf00040	2
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AX-157748444	3	17.644	KV452730.1	57073	2-scf00040	2
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AX-157921731	3	17.644	KV452730.1	87099	2-scf00040	2
AX-157921719	3	17.934	KV452730.1	75378	2-scf00040	2
AX-157921721	3	17.934	KV452730.1	76657	2-scf00040	2
AX-157921727	3	18.061	KV452730.1	82518	2-scf00040	2
AX-157921732	3	18.061	KV452730.1	87997	2-scf00040	2
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AX-157921735	3	18.061	KV452730.1	92612	2-scf00040	2
AX-157921738	3	18.061	KV452730.1	95916	2-scf00040	2
AX-157921740	3	18.061	KV452730.1	103040	2-scf00040	2
AX-157921741	3	18.061	KV452730.1	103299	2-scf00040	2
AX-157921744	3	18.089	KV452730.1	105742	2-scf00040	2
AX-157921749	3	18.122	KV452730.1	108210	2-scf00040	2
AX-157921750	3	18.171	KV452730.1	108998	2-scf00040	2
AX-157921754	3	18.171	KV452730.1	111682	2-scf00040	2

AX-157883558	3	18.171	KV452730.1	155654	2-scf00040	2
AX-157813323	3	18.171	KV452730.1	170703	2-scf00040	2
AX-158382336	3	18.172	KV452730.1	107609	2-scf00040	2
AX-157921762	3	18.172	KV452730.1	118323	2-scf00040	2
AX-157921763	3	18.172	KV452730.1	118843	2-scf00040	2
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AX-157921788	3	18.502	KV452730.1	148209	2-scf00040	2
AX-157921791	3	18.502	KV452730.1	150685	2-scf00040	2
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AX-157921809	3	18.883	KV452730.1	164374	2-scf00040	2
AX-157921812	3	18.883	KV452730.1	166721	2-scf00040	2
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AX-157921821	3	18.883	KV452730.1	181428	2-scf00040	2
AX-157921824	3	19.263	KV452730.1	201994	2-scf00040	2
AX-157813322	3	19.264	KV452730.1	168366	2-scf00040	2
AX-157921825	3	19.264	KV452730.1	202218	2-scf00040	2
AX-157921831	3	19.264	KV452730.1	207310	2-scf00040	2
AX-157921833	3	19.264	KV452730.1	212283	2-scf00040	2
AX-157921834	3	19.264	KV452730.1	212831	2-scf00040	2
AX-157921835	3	19.264	KV452730.1	213557	2-scf00040	2
AX-157813329	3	19.264	KV452730.1	214145	2-scf00040	2
AX-157754974	3	19.264	KV452730.1	219519	2-scf00040	2
AX-157715963	3	19.264	KV452730.1	220411	2-scf00040	2
AX-157921842	3	19.264	KV452730.1	226542	2-scf00040	2
AX-157813334	3	19.264	KV452730.1	241183	2-scf00040	2
AX-157813336	3	19.264	KV452730.1	243616	2-scf00040	2
AX-157921865	3	19.264	KV452730.1	245386	2-scf00040	2
AX-157921886	3	19.264	KV452730.1	264867	2-scf00040	2
AX-157735700	3	19.264	KV452730.1	264947	2-scf00040	2
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AX-157921854	3	19.335	KV452730.1	238015	2-scf00040	2
AX-157874770	3	19.335	KV452730.1	238464	2-scf00040	2
AX-157921856	3	19.335	KV452730.1	242261	2-scf00040	2
AX-157921860	3	19.373	KV452730.1	243570	2-scf00040	2
AX-157813337	3	19.373	KV452730.1	244186	2-scf00040	2
AX-157921862	3	19.373	KV452730.1	244845	2-scf00040	2
AX-156906872	3	19.373	KV452730.1	252361	2-scf00040	2
AX-157813338	3	19.458	KV452730.1	247463	2-scf00040	2
AX-157921872	3	19.543	KV452730.1	252405	2-scf00040	2
AX-157921875	3	19.59	KV452730.1	256363	2-scf00040	2
AX-157921879	3	19.59	KV452730.1	259507	2-scf00040	2
AX-157921888	3	19.59	KV452730.1	265486	2-scf00040	2
AX-157921889	3	19.59	KV452730.1	266412	2-scf00040	2
AX-157700819	3	19.59	FI872934.1	60	IORI212 Ictalu	UN
AX-157921891	3	19.7	KV452730.1	269591	2-scf00040	2
AX-157921894	3	19.81	KV452730.1	273896	2-scf00040	2

AX-157699907	3	19.811	KV452730.1	277144	2-scf00040	2
AX-157813343	3	19.812	KV452730.1	277401	2-scf00040	2
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AX-157724930	3	19.955	KV452730.1	283427	2-scf00040	2
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AX-157921904	3	19.955	KV452730.1	286721	2-scf00040	2
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AX-157921902	3	19.956	KV452730.1	284808	2-scf00040	2
AX-157921909	3	19.956	KV452730.1	289738	2-scf00040	2
AX-157719985	3	20.246	KV452730.1	291347	2-scf00040	2
AX-157714225	3	20.246	KV452730.1	333445	2-scf00040	2
AX-157921873	3	20.247	KV452730.1	254363	2-scf00040	2
AX-157723031	3	20.247	KV452730.1	263268	2-scf00040	2
AX-157715865	3	20.247	KV452730.1	294542	2-scf00040	2
AX-157813344	3	20.247	KV452730.1	308981	2-scf00040	2
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AX-157921939	3	20.247	KV452730.1	321440	2-scf00040	2
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AX-157921946	3	20.247	KV452730.1	326209	2-scf00040	2
AX-157921947	3	20.247	KV452730.1	326865	2-scf00040	2
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AX-157921967	3	20.247	KV452730.1	337130	2-scf00040	2
AX-157921969	3	20.247	KV452730.1	338117	2-scf00040	2
AX-157921972	3	20.247	KV452730.1	339310	2-scf00040	2
AX-158389660	3	20.247	KV452730.1	447529	2-scf00040	2
AX-157921978	3	20.466	KV452730.1	346106	2-scf00040	2
AX-157739939	3	20.466	KV452730.1	349447	2-scf00040	2
AX-157726124	3	20.466	KV452730.1	353951	2-scf00040	2
AX-157921982	3	20.466	KV452730.1	356229	2-scf00040	2
AX-157921983	3	20.684	KV452730.1	356564	2-scf00040	2
AX-157921986	3	20.684	KV452730.1	358398	2-scf00040	2
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AX-157813346	3	21.012	KV452730.1	311104	2-scf00040	2
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AX-158379303	3	21.012	KV452730.1	365034	2-scf00040	2

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AX-157921999	3	21.012	KV452730.1	389052	2-scf00040	2
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AX-157714467	3	21.012	KV452730.1	415504	2-scf00040	2
AX-157922030	3	21.012	KV452730.1	415905	2-scf00040	2
AX-158379304	3	21.012	KV452730.1	420344	2-scf00040	2
AX-157922055	3	21.012	KV452730.1	450909	2-scf00040	2
AX-157813357	3	21.012	KV452730.1	453550	2-scf00040	2
AX-157813351	3	21.121	KV452730.1	427878	2-scf00040	2
AX-157813352	3	21.121	KV452730.1	428349	2-scf00040	2
AX-157743934	3	21.149	KV452730.1	429775	2-scf00040	2
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AX-157922043	3	21.186	KV452730.1	431968	2-scf00040	2
AX-157751391	3	21.21	KV452730.1	370879	2-scf00040	2
AX-157921990	3	21.21	KV452730.1	376604	2-scf00040	2
AX-157922045	3	21.21	KV452730.1	433550	2-scf00040	2
AX-157922046	3	21.21	KV452730.1	435789	2-scf00040	2
AX-157718139	3	21.231	KV452730.1	444679	2-scf00040	2
AX-157922050	3	21.231	KV452730.1	445311	2-scf00040	2
AX-157813356	3	21.231	KV452730.1	445625	2-scf00040	2
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AX-157922065	3	21.668	KV452730.1	457611	2-scf00040	2
AX-157813359	3	21.668	KV452730.1	463399	2-scf00040	2
AX-157922078	3	21.668	KV452730.1	474354	2-scf00040	2
AX-157922079	3	21.668	KV452730.1	474933	2-scf00040	2
AX-157758335	3	21.668	KV452730.1	479657	2-scf00040	2
AX-157922089	3	21.668	KV452730.1	487405	2-scf00040	2
AX-157922095	3	21.832	KV452730.1	490459	2-scf00040	2
AX-157922097	3	21.832	KV452730.1	492370	2-scf00040	2
AX-157922100	3	21.832	KV452730.1	494680	2-scf00040	2
AX-157922101	3	21.832	KV452730.1	495303	2-scf00040	2
AX-157922104	3	21.908	KV452730.1	498599	2-scf00040	2
AX-157922105	3	21.908	KV452730.1	500631	2-scf00040	2
AX-157922109	3	21.94	KV452730.1	502733	2-scf00040	2
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AX-157922112	3	22.106	KV452730.1	503623	2-scf00040	2
AX-157922114	3	22.106	KV452730.1	507164	2-scf00040	2
AX-157922116	3	22.106	KV452730.1	507784	2-scf00040	2
AX-157922117	3	22.106	KV452730.1	508238	2-scf00040	2
AX-157922124	3	22.106	KV452730.1	510392	2-scf00040	2
AX-157922125	3	22.106	KV452730.1	512335	2-scf00040	2
AX-157922147	3	22.106	KV452730.1	538066	2-scf00040	2
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AX-157922128	3	22.324	KV452730.1	519591	2-scf00040	2
AX-157922133	3	22.324	KV452730.1	522209	2-scf00040	2

AX-157922137	3	22.324	KV452730.1	525181	2-scf00040	2
AX-158379305	3	22.324	KV452730.1	527509	2-scf00040	2
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AX-157922142	3	22.324	KV452730.1	532690	2-scf00040	2
AX-157922145	3	22.429	KV452730.1	537621	2-scf00040	2
AX-157922148	3	22.525	KV452730.1	538593	2-scf00040	2
AX-157922155	3	22.821	KV452730.1	540350	2-scf00040	2
AX-157922157	3	22.824	KV452730.1	544234	2-scf00040	2
AX-157922169	3	23.053	KV452730.1	559647	2-scf00040	2
AX-157922174	3	23.747	KV452730.1	563813	2-scf00040	2
AX-157922180	3	23.77	KV452730.1	569216	2-scf00040	2
AX-157922181	3	23.783	KV452730.1	571704	2-scf00040	2
AX-157922166	3	23.788	KV452730.1	558384	2-scf00040	2
AX-157922185	3	23.788	KV452730.1	574992	2-scf00040	2
AX-157922198	3	24.364	KV452730.1	587998	2-scf00040	2
AX-157922199	3	24.364	KV452730.1	588486	2-scf00040	2
AX-157922202	3	24.364	KV452730.1	589412	2-scf00040	2
AX-157922213	3	24.982	KV452730.1	600117	2-scf00040	2
AX-157744614	3	24.982	KV452730.1	600550	2-scf00040	2
AX-157709769	3	24.982	KV452730.1	603910	2-scf00040	2
AX-157922215	3	24.982	KV452730.1	604807	2-scf00040	2
AX-157922217	3	24.982	KV452730.1	607834	2-scf00040	2
AX-157922219	3	24.982	KV452730.1	608204	2-scf00040	2
AX-157922230	3	24.985	KV452730.1	615318	2-scf00040	2
AX-157922232	3	24.988	KV452730.1	615801	2-scf00040	2
AX-158389661	3	24.991	KV452730.1	623037	2-scf00040	2
AX-157922240	3	25.184	KV452730.1	628740	2-scf00040	2
AX-157775628	3	25.184	KV452730.1	630353	2-scf00040	2
AX-157922239	3	25.395	KV452730.1	627207	2-scf00040	2
AX-157922246	3	25.395	KV452730.1	637730	2-scf00040	2
AX-157922247	3	25.395	KV452730.1	638199	2-scf00040	2
AX-157922249	3	25.395	KV452730.1	638657	2-scf00040	2
AX-157813367	3	25.395	KV452730.1	638840	2-scf00040	2
AX-157922252	3	25.395	KV452730.1	641585	2-scf00040	2
AX-157720153	3	25.825	KV452730.1	644563	2-scf00040	2
AX-157922253	3	25.829	KV452730.1	645061	2-scf00040	2
AX-157922255	3	25.831	KV452730.1	645916	2-scf00040	2
AX-157922257	3	25.832	KV452730.1	649409	2-scf00040	2
AX-157741436	3	25.832	KV452730.1	654240	2-scf00040	2
AX-157922261	3	25.832	KV452730.1	656094	2-scf00040	2
AX-157853807	3	25.832	KV452730.1	658366	2-scf00040	2
AX-157922262	3	25.969	KV452730.1	658961	2-scf00040	2
AX-157922264	3	26.084	KV452730.1	659231	2-scf00040	2
AX-157922265	3	26.217	KV452730.1	662087	2-scf00040	2
AX-157813368	3	26.218	KV452730.1	665145	2-scf00040	2
AX-157922270	3	26.597	KV452730.1	668496	2-scf00040	2
AX-157922276	3	26.599	KV452730.1	670997	2-scf00040	2
AX-157922278	3	26.602	KV452730.1	671526	2-scf00040	2
AX-157725301	3	26.604	KV452730.1	671857	2-scf00040	2
AX-157922280	3	26.721	KV452730.1	673370	2-scf00040	2
AX-157813369	3	26.801	KV452730.1	677079	2-scf00040	2

AX-157922288	3	26.858	KV452730.1	684433	2-scf00040	2
AX-157922293	3	26.858	KV452730.1	687925	2-scf00040	2
AX-157922294	3	26.858	KV452730.1	689275	2-scf00040	2
AX-157922295	3	26.862	KV452730.1	690717	2-scf00040	2
AX-157922298	3	27.12	KV452730.1	693286	2-scf00040	2
AX-157922299	3	27.382	KV452730.1	694651	2-scf00040	2
AX-157922301	3	27.387	KV452730.1	694901	2-scf00040	2
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AX-157869162	3	34.471	KV452730.1	1260188	2-scf00040	2
AX-157723979	3	34.471	KV452730.1	1264495	2-scf00040	2
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AX-157922926	3	34.799	KV452730.1	1290124	2-scf00040	2
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AX-157922938	3	34.799	KV452730.1	1300977	2-scf00040	2
AX-157883587	3	34.799	KV452730.1	1312929	2-scf00040	2

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AX-157923466	3	40.923	KV452730.1	1903232	2-scf00040	2
AX-157923469	3	40.923	KV452730.1	1904906	2-scf00040	2
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AX-157740951	3	40.923	KV452730.1	1921378	2-scf00040	2
AX-157813470	3	40.923	KV452730.1	1961388	2-scf00040	2
AX-157923529	3	40.923	KV452730.1	1984805	2-scf00040	2
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AX-157923489	3	41.052	KV452730.1	1935936	2-scf00040	2
AX-157923512	3	41.052	KV452730.1	1960048	2-scf00040	2
AX-157813468	3	41.088	KV452730.1	1936066	2-scf00040	2
AX-157923490	3	41.088	KV452730.1	1936308	2-scf00040	2
AX-157741009	3	41.088	KV452730.1	1941831	2-scf00040	2
AX-157853841	3	41.248	KV452730.1	1942328	2-scf00040	2
AX-157813469	3	41.249	KV452730.1	1936438	2-scf00040	2
AX-157923499	3	41.249	KV452730.1	1945417	2-scf00040	2
AX-157853842	3	41.249	KV452730.1	1945694	2-scf00040	2
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AX-157923530	3	41.249	KV452730.1	1986045	2-scf00040	2
AX-157773668	3	41.249	KV452730.1	2013004	2-scf00040	2
AX-157923501	3	41.25	KV452730.1	1949984	2-scf00040	2
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AX-157923511	3	41.333	KV452730.1	1958929	2-scf00040	2
AX-157923514	3	41.36	KV452730.1	1964548	2-scf00040	2
AX-157923515	3	41.36	KV452730.1	1964971	2-scf00040	2
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AX-157813473	3	41.36	KV452730.1	1966149	2-scf00040	2
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AX-157923525	3	41.469	KV452730.1	1978337	2-scf00040	2

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AX-157853844	3	41.469	KV452730.1	1982904	2-scf00040	2
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AX-157813477	3	41.469	KV452730.1	1994144	2-scf00040	2
AX-157923532	3	41.469	KV452730.1	1994782	2-scf00040	2
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AX-157883612	3	41.687	KV452730.1	1992832	2-scf00040	2
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AX-157719526	3	41.687	KV452730.1	2014760	2-scf00040	2
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AX-157923619	3	42.234	KV452730.1	2113432	2-scf00040	2
AX-157923622	3	42.234	KV452730.1	2114582	2-scf00040	2
AX-157923623	3	42.234	KV452730.1	2116257	2-scf00040	2
AX-157923626	3	42.234	KV452730.1	2118188	2-scf00040	2
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AX-157923762	3	42.343	KV452730.1	2313982	2-scf00040	2
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AX-157813502	3	42.562	KV452730.1	2157222	2-scf00040	2
AX-157923648	3	42.562	KV452730.1	2158204	2-scf00040	2
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AX-157923661	3	42.78	KV452730.1	2174273	2-scf00040	2
AX-157923664	3	42.78	KV452730.1	2176821	2-scf00040	2
AX-157923666	3	42.78	KV452730.1	2177286	2-scf00040	2
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AX-157813506	3	42.78	KV452730.1	2183948	2-scf00040	2
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AX-157923696	3	43.218	KV452730.1	2251603	2-scf00040	2
AX-157923700	3	43.218	KV452730.1	2253797	2-scf00040	2
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AX-157719297	3	43.226	KV452730.1	2264423	2-scf00040	2
AX-157813511	3	43.23	KV452730.1	2264978	2-scf00040	2
AX-157709173	3	43.23	KV452730.1	2284893	2-scf00040	2

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AX-157923745	3	43.241	KV452730.1	2298425	2-scf00040	2
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AX-157923755	3	43.259	KV452730.1	2309424	2-scf00040	2
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AX-157923756	3	43.339	KV452730.1	2310659	2-scf00040	2
AX-157923771	3	43.548	KV452730.1	2317953	2-scf00040	2
AX-157923782	3	43.672	KV452730.1	2325541	2-scf00040	2
AX-157923791	3	43.672	KV452730.1	2328635	2-scf00040	2
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AX-157874803	3	43.672	KV452730.1	2374530	2-scf00040	2
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AX-157923805	3	43.983	KV452730.1	2338086	2-scf00040	2
AX-157923806	3	43.983	KV452730.1	2339230	2-scf00040	2
AX-157923809	3	43.983	KV452730.1	2341480	2-scf00040	2
AX-157923813	3	43.983	KV452730.1	2345376	2-scf00040	2
AX-157923819	3	43.983	KV452730.1	2350083	2-scf00040	2
AX-157923821	3	43.983	KV452730.1	2351124	2-scf00040	2
AX-157923823	3	43.983	KV452730.1	2353098	2-scf00040	2
AX-157883616	3	43.983	KV452730.1	2357980	2-scf00040	2
AX-157923832	3	43.983	KV452730.1	2358488	2-scf00040	2
AX-157923837	3	43.983	KV452730.1	2360728	2-scf00040	2
AX-157853851	3	43.983	KV452730.1	2361100	2-scf00040	2
AX-157923838	3	43.983	KV452730.1	2362466	2-scf00040	2
AX-157923839	3	43.983	KV452730.1	2364384	2-scf00040	2
AX-157923841	3	43.983	KV452730.1	2365299	2-scf00040	2
AX-157923842	3	43.983	KV452730.1	2366402	2-scf00040	2
AX-157923851	3	43.983	KV452730.1	2371104	2-scf00040	2
AX-157923855	3	43.984	KV452730.1	2373448	2-scf00040	2
AX-157923859	3	44.04	KV452730.1	2379264	2-scf00040	2
AX-157923865	3	44.04	KV452730.1	2383228	2-scf00040	2
AX-157883618	3	44.085	KV452730.1	2380070	2-scf00040	2
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AX-157923881	3	44.311	KV452730.1	2391576	2-scf00040	2
AX-157923884	3	44.311	KV452730.1	2393174	2-scf00040	2

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AX-157756783	3	44.747	KV452730.1	2407711	2-scf00040	2
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AX-157923906	3	44.75	KV452730.1	2413934	2-scf00040	2
AX-157923911	3	44.75	KV452730.1	2416914	2-scf00040	2
AX-157923913	3	44.75	KV452730.1	2418228	2-scf00040	2
AX-157923917	3	44.75	KV452730.1	2420767	2-scf00040	2
AX-157923900	3	44.751	KV452730.1	2410734	2-scf00040	2
AX-157923916	3	44.751	KV452730.1	2419259	2-scf00040	2
AX-157923935	3	44.982	KV452730.1	2433676	2-scf00040	2
AX-157923926	3	44.993	KV452730.1	2426474	2-scf00040	2
AX-157883621	3	44.993	KV452730.1	2434807	2-scf00040	2
AX-158379317	3	44.993	KV452730.1	2474710	2-scf00040	2
AX-157739809	3	44.993	KV452730.1	2526005	2-scf00040	2
AX-157923940	3	45.003	KV452730.1	2439322	2-scf00040	2
AX-157923941	3	45.016	KV452730.1	2439932	2-scf00040	2
AX-157923945	3	45.028	KV452730.1	2444612	2-scf00040	2
AX-157923955	3	45.036	KV452730.1	2457107	2-scf00040	2
AX-157923965	3	45.036	KV452730.1	2461824	2-scf00040	2
AX-157923961	3	45.055	KV452730.1	2457941	2-scf00040	2
AX-157923971	3	45.218	KV452730.1	2466755	2-scf00040	2
AX-158404466	3	45.218	KV452730.1	2466979	2-scf00040	2
AX-157923972	3	45.223	KV452730.1	2468161	2-scf00040	2
AX-157923977	3	45.341	KV452730.1	2471740	2-scf00040	2
AX-157923994	3	45.341	KV452730.1	2485572	2-scf00040	2
AX-157924000	3	45.341	KV452730.1	2489585	2-scf00040	2
AX-157923985	3	45.482	KV452730.1	2480902	2-scf00040	2
AX-157741266	3	45.482	KV452730.1	2490189	2-scf00040	2
AX-157923990	3	45.803	KV452730.1	2482030	2-scf00040	2
AX-157923995	3	46.099	KV452730.1	2487347	2-scf00040	2
AX-157924005	3	46.117	KV452730.1	2494491	2-scf00040	2
AX-157924011	3	46.167	KV452730.1	2497914	2-scf00040	2
AX-157924010	3	46.174	KV452730.1	2497263	2-scf00040	2
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AX-157924039	3	46.174	KV452730.1	2520815	2-scf00040	2
AX-157924058	3	46.33	KV452730.1	2533741	2-scf00040	2
AX-157750369	3	46.33	KV452730.1	2534829	2-scf00040	2
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AX-157924104	3	47.049	KV452730.1	2588625	2-scf00040	2
AX-157924106	3	47.049	KV452730.1	2590461	2-scf00040	2
AX-157924107	3	47.049	KV452730.1	2593189	2-scf00040	2
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AX-157924128	3	47.049	KV452730.1	2616547	2-scf00040	2
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AX-157924163	3	47.049	KV452730.1	2647820	2-scf00040	2
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AX-157924130	3	47.115	KV452730.1	2617988	2-scf00040	2
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AX-157924207	3	47.924	KV452730.1	2685545	2-scf00040	2
AX-157924220	3	47.924	KV452730.1	2691707	2-scf00040	2
AX-157924230	3	47.924	KV452730.1	2708089	2-scf00040	2
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AX-157924374	3	48.47	KV452730.1	2824344	2-scf00040	2
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AX-157924340	3	48.688	KV452730.1	2795843	2-scf00040	2
AX-157924364	3	48.688	KV452730.1	2817378	2-scf00040	2
AX-157924370	3	48.688	KV452730.1	2820199	2-scf00040	2
AX-157924371	3	48.688	KV452730.1	2822554	2-scf00040	2
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AX-157924387	3	48.688	KV452730.1	2832754	2-scf00040	2
AX-157924390	3	48.688	KV452730.1	2834672	2-scf00040	2
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AX-157924402	3	48.688	KV452730.1	2842864	2-scf00040	2
AX-157924425	3	48.688	KV452730.1	2869300	2-scf00040	2
AX-157924789	3	48.688	KV452730.1	3199261	2-scf00040	2
AX-157924227	3	48.893	KV452730.1	2699239	2-scf00040	2
AX-157924240	3	48.893	KV452730.1	2717417	2-scf00040	2
AX-157924388	3	48.893	KV452730.1	2833977	2-scf00040	2
AX-157924397	3	48.893	KV452730.1	2838446	2-scf00040	2
AX-157924416	3	48.893	KV452730.1	2861537	2-scf00040	2
AX-157924418	3	48.893	KV452730.1	2862701	2-scf00040	2
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AX-157924423	3	48.893	KV452730.1	2867650	2-scf00040	2
AX-157924431	3	48.893	KV452730.1	2875618	2-scf00040	2

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AX-157924467	3	48.893	KV452730.1	2917892	2-scf00040	2
AX-157924468	3	48.893	KV452730.1	2919339	2-scf00040	2
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AX-157928075	3	64.446	KV452730.1	6413872	2-scf00040	2
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AX-157934464	3	70.109	KV452733.1	596369	2-scf00041	2
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AX-157934363	3	70.218	KV452733.1	492624	2-scf00041	2
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AX-157934382	3	70.218	KV452733.1	510006	2-scf00041	2
AX-157934400	3	70.218	KV452733.1	532501	2-scf00041	2
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AX-157934457	3	70.218	KV452733.1	592124	2-scf00041	2
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AX-157934733	3	73.225	KV452733.1	875560	2-scf00041	2
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AX-157934773	3	74.23	KV452733.1	904481	2-scf00041	2
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AX-157934785	3	74.704	KV452733.1	918354	2-scf00041	2
AX-157934787	3	74.704	KV452733.1	918754	2-scf00041	2
AX-157934788	3	74.733	KV452733.1	919994	2-scf00041	2
AX-157934797	3	74.733	KV452733.1	927526	2-scf00041	2
AX-157934790	3	74.753	KV452733.1	920521	2-scf00041	2
AX-157934791	3	74.774	KV452733.1	921605	2-scf00041	2
AX-157934792	3	74.793	KV452733.1	922455	2-scf00041	2
AX-157934806	3	74.793	KV452733.1	934276	2-scf00041	2
AX-157940202	3	74.793	KV452742.1	3297246	2-scf00046	2
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AX-157934827	3	75.142	KV452733.1	953752	2-scf00041	2
AX-157934829	3	75.142	KV452733.1	958031	2-scf00041	2
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AX-157934836	3	75.142	KV452733.1	972685	2-scf00041	2
AX-157934837	3	75.167	KV452733.1	974074	2-scf00041	2
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AX-157934845	3	75.251	KV452733.1	978939	2-scf00041	2

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AX-157934917	3	75.508	KV452733.1	1042216	2-scf00041	2
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AX-157934946	3	75.579	KV452733.1	1059864	2-scf00041	2
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AX-157934948	3	75.579	KV452733.1	1061740	2-scf00041	2
AX-157934961	3	75.579	KV452733.1	1076055	2-scf00041	2
AX-157934973	3	75.579	KV452733.1	1092626	2-scf00041	2
AX-157934982	3	75.579	KV452733.1	1106100	2-scf00041	2
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AX-157935076	3	75.579	KV452733.1	1185742	2-scf00041	2
AX-157935113	3	75.579	KV452733.1	1236287	2-scf00041	2
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AX-157935122	3	75.579	KV452733.1	1245714	2-scf00041	2
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AX-157934964	3	75.59	KV452733.1	1079648	2-scf00041	2
AX-157934966	3	75.59	KV452733.1	1080079	2-scf00041	2
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AX-157814313	3	75.609	KV452733.1	1091328	2-scf00041	2
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AX-157934980	3	75.65	KV452733.1	1104313	2-scf00041	2
AX-157934987	3	75.678	KV452733.1	1112217	2-scf00041	2

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AX-157935011	3	75.798	KV452733.1	1129083	2-scf00041	2
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AX-157935019	3	75.798	KV452733.1	1133021	2-scf00041	2
AX-157935031	3	75.798	KV452733.1	1144962	2-scf00041	2
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AX-157935039	3	75.798	KV452733.1	1151943	2-scf00041	2
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AX-157935052	3	75.798	KV452733.1	1158547	2-scf00041	2
AX-157717682	3	75.798	KV452733.1	1158861	2-scf00041	2
AX-157935060	3	75.798	KV452733.1	1162389	2-scf00041	2
AX-157935062	3	75.798	KV452733.1	1163944	2-scf00041	2
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AX-157935064	3	75.879	KV452733.1	1165843	2-scf00041	2
AX-157719264	3	75.907	KV452733.1	958847	2-scf00041	2
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AX-157936734	3	78.746	KV452733.1	3134907	2-scf00041	2
AX-157936735	3	78.746	KV452733.1	3135739	2-scf00041	2
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AX-157685757	3	78.965	KV452764.1	4804	2-scf00639	2
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AX-157938393	3	79.074	KV452735.1	142977	2-scf00044	2
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AX-157771061	3	79.511	KV452740.1	261636	2-scf00586	2
AX-157853325	3	79.511	KV452740.1	262084	2-scf00586	2
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AX-158376528	3	79.511	KV452740.1	275739	2-scf00586	2
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AX-158376533	3	79.511	KV452740.1	280640	2-scf00586	2
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AX-157814555	3	79.554	KV452742.1	103523	2-scf00046	2
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AX-157725679	3	79.62	KV452733.1	2657599	2-scf00041	2

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AX-157941566	3	79.73	KV452745.1	58413	2-scf00051	2
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AX-157938528	3	79.737	KV452742.1	119531	2-scf00046	2
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AX-157939047	3	80.167	KV452742.1	721988	2-scf00046	2
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AX-157941500	3	82.693	KV452743.1	154729	2-scf00050	2
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AX-157680951	3	82.788	KV452741.1	4102	2-scf00732	2
AX-157941516	3	84.721	KV452745.1	10246	2-scf00051	2
AX-157941540	3	84.721	KV452745.1	33531	2-scf00051	2
AX-157941517	3	84.722	KV452745.1	12000	2-scf00051	2
AX-157941529	3	84.984	KV452745.1	24776	2-scf00051	2
AX-157941536	3	84.986	KV452745.1	29773	2-scf00051	2
AX-157814835	3	84.986	KV452745.1	33663	2-scf00051	2
AX-157941542	3	84.986	KV452745.1	34600	2-scf00051	2
AX-157941543	3	84.986	KV452745.1	37076	2-scf00051	2
AX-157941544	3	84.986	KV452745.1	37599	2-scf00051	2
AX-157941546	3	84.986	KV452745.1	38946	2-scf00051	2
AX-157814837	3	84.986	KV452745.1	46741	2-scf00051	2
AX-157941560	3	84.986	KV452745.1	53879	2-scf00051	2
AX-157941561	3	84.986	KV452745.1	55364	2-scf00051	2
AX-157941588	3	84.986	KV452745.1	83281	2-scf00051	2
AX-157883893	3	84.988	KV452745.1	56960	2-scf00051	2
AX-157941570	3	84.988	KV452745.1	64779	2-scf00051	2
AX-157941514	3	84.989	KV452745.1	8705	2-scf00051	2
AX-157941573	3	84.989	KV452745.1	65886	2-scf00051	2
AX-157814911	3	84.989	KV452744.1	15836	2-scf00052	2
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AX-157771159	3	85.026	KV452745.1	76370	2-scf00051	2
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AX-157745147	3	85.049	KV452745.1	82371	2-scf00051	2
AX-157941586	3	85.053	KV452745.1	82523	2-scf00051	2
AX-157814845	3	85.079	KV452745.1	82728	2-scf00051	2
AX-157941594	3	85.095	KV452745.1	86896	2-scf00051	2
AX-157941596	3	85.095	KV452745.1	88433	2-scf00051	2
AX-157941574	3	85.135	KV452745.1	66237	2-scf00051	2
AX-157941597	3	85.135	KV452745.1	90086	2-scf00051	2
AX-157941602	3	85.135	KV452745.1	97158	2-scf00051	2
AX-157941603	3	85.163	KV452745.1	98477	2-scf00051	2
AX-157854571	3	85.615	KV452745.1	102990	2-scf00051	2
AX-157756697	3	85.615	KV452745.1	108363	2-scf00051	2
AX-157941609	3	85.616	KV452745.1	103816	2-scf00051	2
AX-157941612	3	85.616	KV452745.1	108449	2-scf00051	2

AX-157940675	3	85.691	KV452742.1	4013598	2-scf00046	2
AX-157941622	3	85.691	KV452745.1	118472	2-scf00051	2
AX-157814847	3	85.691	KV452745.1	120871	2-scf00051	2
AX-157941627	3	85.749	KV452745.1	123413	2-scf00051	2
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AX-157941628	3	85.751	KV452745.1	127304	2-scf00051	2
AX-157714875	3	85.751	KV452745.1	129578	2-scf00051	2
AX-157941633	3	85.751	KV452745.1	135272	2-scf00051	2
AX-157941635	3	85.751	KV452745.1	137817	2-scf00051	2
AX-157941640	3	85.751	KV452745.1	140642	2-scf00051	2
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AX-158390064	3	85.751	KV452745.1	150617	2-scf00051	2
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AX-157941649	3	85.751	KV452745.1	155044	2-scf00051	2
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AX-157941661	3	85.86	KV452745.1	166789	2-scf00051	2
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AX-157940432	3	85.969	KV452742.1	3587014	2-scf00046	2
AX-157940596	3	85.969	KV452742.1	3825232	2-scf00046	2
AX-157941671	3	85.969	KV452745.1	171014	2-scf00051	2
AX-157941672	3	85.969	KV452745.1	171218	2-scf00051	2
AX-157941683	3	85.969	KV452745.1	175624	2-scf00051	2
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AX-157941686	3	86.049	KV452745.1	180438	2-scf00051	2
AX-157941689	3	86.049	KV452745.1	180871	2-scf00051	2
AX-157814853	3	86.188	KV452745.1	185091	2-scf00051	2
AX-157941690	3	86.188	KV452745.1	185757	2-scf00051	2
AX-157941694	3	86.188	KV452745.1	191777	2-scf00051	2
AX-157942974	3	86.188	KV452744.1	52582	2-scf00052	2
AX-157941707	3	86.218	KV452745.1	199900	2-scf00051	2
AX-157941715	3	86.229	KV452745.1	205072	2-scf00051	2
AX-157941708	3	86.263	KV452745.1	200341	2-scf00051	2
AX-157941716	3	86.263	KV452745.1	207343	2-scf00051	2
AX-157941741	3	86.263	KV452745.1	220171	2-scf00051	2
AX-157941755	3	86.263	KV452745.1	225860	2-scf00051	2
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AX-157941406	3	86.297	KV452743.1	54659	2-scf00050	2
AX-157941437	3	86.297	KV452743.1	78512	2-scf00050	2
AX-157941475	3	86.297	KV452743.1	114464	2-scf00050	2
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AX-157941502	3	86.297	KV452743.1	160180	2-scf00050	2
AX-157941725	3	86.297	KV452745.1	209351	2-scf00051	2
AX-157750117	3	86.297	KV452745.1	210382	2-scf00051	2
AX-158382641	3	86.297	KV452745.1	210592	2-scf00051	2
AX-157814856	3	86.297	KV452745.1	210649	2-scf00051	2

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AX-157941742	3	86.297	KV452745.1	221110	2-scf00051	2
AX-157941744	3	86.297	KV452745.1	222127	2-scf00051	2
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AX-157941754	3	86.297	KV452745.1	225673	2-scf00051	2
AX-157814861	3	86.297	KV452745.1	239228	2-scf00051	2
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AX-157939797	3	86.381	KV452742.1	2843979	2-scf00046	2
AX-157940583	3	86.381	KV452742.1	3806239	2-scf00046	2
AX-157940688	3	86.381	KV452742.1	4036583	2-scf00046	2
AX-157941410	3	86.381	KV452743.1	58318	2-scf00050	2
AX-157941506	3	86.381	KV452743.1	160669	2-scf00050	2
AX-157941528	3	86.381	KV452745.1	23919	2-scf00051	2
AX-157941571	3	86.381	KV452745.1	65193	2-scf00051	2
AX-157941760	3	86.381	KV452745.1	228117	2-scf00051	2
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AX-157942994	3	86.381	KV452744.1	85276	2-scf00052	2
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AX-157941769	3	86.691	KV452745.1	235750	2-scf00051	2
AX-157941403	3	86.953	KV452743.1	53103	2-scf00050	2
AX-157941447	3	86.953	KV452743.1	83338	2-scf00050	2
AX-157941458	3	86.953	KV452743.1	98722	2-scf00050	2
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AX-157941783	3	86.953	KV452745.1	249987	2-scf00051	2
AX-157941786	3	86.953	KV452745.1	251487	2-scf00051	2
AX-157941794	3	86.953	KV452745.1	258478	2-scf00051	2
AX-157941796	3	86.953	KV452745.1	262486	2-scf00051	2
AX-157941798	3	86.953	KV452745.1	264287	2-scf00051	2
AX-157941799	3	86.953	KV452745.1	264873	2-scf00051	2
AX-157941804	3	86.953	KV452745.1	271355	2-scf00051	2
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AX-157814908	3	89.244	KV452744.1	5839	2-scf00052	2
AX-157942950	3	89.244	KV452744.1	18804	2-scf00052	2
AX-157942945	3	89.245	KV452744.1	14432	2-scf00052	2
AX-157942946	3	89.246	KV452744.1	14645	2-scf00052	2
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AX-157942965	3	89.249	KV452744.1	34169	2-scf00052	2
AX-157942966	3	89.249	KV452744.1	35004	2-scf00052	2
AX-157942970	3	89.249	KV452744.1	41712	2-scf00052	2
AX-157746871	3	89.249	KV452744.1	42450	2-scf00052	2
AX-157942971	3	89.249	KV452744.1	43195	2-scf00052	2

AX-157942976	3	89.249	KV452744.1	62647	2-scf00052	2
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AX-157942972	3	89.31	KV452744.1	46075	2-scf00052	2
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AX-157814915	3	89.467	KV452744.1	70573	2-scf00052	2
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AX-157933778	3	89.686	KV452730.1	14469361	2-scf00040	2
AX-157934978	3	89.686	KV452733.1	1096641	2-scf00041	2
AX-157937734	3	89.686	KV452732.1	622497	2-scf00042	2
AX-157940672	3	89.686	KV452742.1	4009482	2-scf00046	2
AX-157940737	3	89.686	KV452742.1	4150975	2-scf00046	2
AX-157940752	3	89.686	KV452742.1	4189664	2-scf00046	2
AX-157940800	3	89.686	KV452742.1	4288595	2-scf00046	2
AX-157940922	3	89.686	KV452742.1	4446397	2-scf00046	2
AX-157941429	3	89.686	KV452743.1	70853	2-scf00050	2
AX-157942162	3	89.686	KV452745.1	572298	2-scf00051	2
AX-157942318	3	89.686	KV452745.1	719429	2-scf00051	2
AX-157942982	3	89.686	KV452744.1	72837	2-scf00052	2
AX-157942983	3	89.686	KV452744.1	77060	2-scf00052	2
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AX-157942990	3	89.686	KV452744.1	83511	2-scf00052	2
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AX-157942997	3	89.686	KV452744.1	86869	2-scf00052	2
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AX-157942999	3	89.686	KV452744.1	90961	2-scf00052	2
AX-157943022	3	89.686	KV452744.1	108677	2-scf00052	2
AX-157943024	3	89.686	KV452744.1	111381	2-scf00052	2
AX-157943029	3	90.012	KV452744.1	127789	2-scf00052	2
AX-157943033	3	90.012	KV452744.1	137994	2-scf00052	2
AX-157943035	3	90.013	KV452744.1	140998	2-scf00052	2
AX-157943036	3	90.013	KV452744.1	142391	2-scf00052	2
AX-157943037	3	90.013	KV452744.1	142762	2-scf00052	2
AX-157941871	3	90.014	KV452745.1	318517	2-scf00051	2
AX-157943017	3	90.014	KV452744.1	105483	2-scf00052	2
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AX-157943046	3	90.014	KV452744.1	163426	2-scf00052	2
AX-157943047	3	90.014	KV452744.1	163729	2-scf00052	2
AX-157943048	3	90.014	KV452744.1	178778	2-scf00052	2
AX-157814921	3	90.093	KV452744.1	175682	2-scf00052	2
AX-157936025	3	90.123	KV452733.1	2426121	2-scf00041	2
AX-157941812	3	90.123	KV452745.1	277500	2-scf00051	2

AX-157941814	3	90.123	KV452745.1	278185	2-scf00051	2
AX-157941816	3	90.123	KV452745.1	280623	2-scf00051	2
AX-157941821	3	90.123	KV452745.1	286481	2-scf00051	2
AX-157814863	3	90.123	KV452745.1	288164	2-scf00051	2
AX-157941827	3	90.123	KV452745.1	290120	2-scf00051	2
AX-157883896	3	90.123	KV452745.1	291044	2-scf00051	2
AX-157941830	3	90.123	KV452745.1	292019	2-scf00051	2
AX-157941831	3	90.123	KV452745.1	292390	2-scf00051	2
AX-157941833	3	90.123	KV452745.1	292892	2-scf00051	2
AX-157941834	3	90.123	KV452745.1	294124	2-scf00051	2
AX-157941835	3	90.123	KV452745.1	300212	2-scf00051	2
AX-157941839	3	90.123	KV452745.1	301366	2-scf00051	2
AX-158390065	3	90.123	KV452745.1	302572	2-scf00051	2
AX-157941842	3	90.123	KV452745.1	303478	2-scf00051	2
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AX-157941846	3	90.123	KV452745.1	305010	2-scf00051	2
AX-157941847	3	90.123	KV452745.1	305724	2-scf00051	2
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AX-157941853	3	90.123	KV452745.1	308968	2-scf00051	2
AX-158390066	3	90.123	KV452745.1	309199	2-scf00051	2
AX-157814864	3	90.123	KV452745.1	309506	2-scf00051	2
AX-157941855	3	90.123	KV452745.1	310219	2-scf00051	2
AX-157941856	3	90.123	KV452745.1	310588	2-scf00051	2
AX-157941857	3	90.123	KV452745.1	311135	2-scf00051	2
AX-157941863	3	90.123	KV452745.1	311465	2-scf00051	2
AX-157941864	3	90.123	KV452745.1	314763	2-scf00051	2
AX-157941865	3	90.123	KV452745.1	315415	2-scf00051	2
AX-157941867	3	90.123	KV452745.1	315865	2-scf00051	2
AX-157941870	3	90.123	KV452745.1	317382	2-scf00051	2
AX-157941872	3	90.123	KV452745.1	319723	2-scf00051	2
AX-157941874	3	90.123	KV452745.1	320884	2-scf00051	2
AX-157941875	3	90.123	KV452745.1	322324	2-scf00051	2
AX-157941876	3	90.123	KV452745.1	322528	2-scf00051	2
AX-157941877	3	90.123	KV452745.1	323332	2-scf00051	2
AX-157941879	3	90.123	KV452745.1	325575	2-scf00051	2
AX-157941882	3	90.123	KV452745.1	326011	2-scf00051	2
AX-157941883	3	90.123	KV452745.1	326588	2-scf00051	2
AX-157941885	3	90.123	KV452745.1	326977	2-scf00051	2
AX-157941887	3	90.123	KV452745.1	328905	2-scf00051	2
AX-157941888	3	90.123	KV452745.1	329419	2-scf00051	2
AX-157941890	3	90.123	KV452745.1	329756	2-scf00051	2
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AX-158382643	3	90.451	KV452745.1	354679	2-scf00051	2
AX-157942273	3	90.451	KV452745.1	658348	2-scf00051	2
AX-157725885	3	90.451	KV452745.1	658647	2-scf00051	2
AX-157942274	3	90.451	KV452745.1	659518	2-scf00051	2
AX-157942295	3	90.451	KV452745.1	686407	2-scf00051	2
AX-157942309	3	90.451	KV452745.1	708866	2-scf00051	2
AX-157942311	3	90.451	KV452745.1	710858	2-scf00051	2
AX-157942312	3	90.451	KV452745.1	713132	2-scf00051	2
AX-157715210	3	90.451	KV452745.1	713807	2-scf00051	2
AX-157942321	3	90.451	KV452745.1	725774	2-scf00051	2
AX-157942324	3	90.451	KV452745.1	729169	2-scf00051	2
AX-157942325	3	90.451	KV452745.1	730586	2-scf00051	2
AX-157942335	3	90.451	KV452745.1	744322	2-scf00051	2
AX-157942503	3	90.451	KV452745.1	891645	2-scf00051	2
AX-157814917	3	90.451	KV452744.1	117238	2-scf00052	2
AX-157943025	3	90.451	KV452744.1	117534	2-scf00052	2
AX-157943052	3	90.451	KV452744.1	182980	2-scf00052	2
AX-157945390	3	90.451	KV452746.1	245183	2-scf00054	2
AX-157942331	3	90.777	KV452745.1	738451	2-scf00051	2
AX-157814302	3	90.778	KV452733.1	570230	2-scf00041	2
AX-157942334	3	90.778	KV452745.1	742860	2-scf00051	2
AX-157745044	3	90.778	KV452745.1	758228	2-scf00051	2
AX-157942356	3	90.778	KV452745.1	765068	2-scf00051	2
AX-157942357	3	90.778	KV452745.1	765914	2-scf00051	2
AX-157942358	3	90.778	KV452745.1	766329	2-scf00051	2
AX-157942359	3	90.778	KV452745.1	766724	2-scf00051	2

AX-157942364	3	90.778	KV452745.1	768109	2-scf00051	2
AX-157942367	3	90.778	KV452745.1	773605	2-scf00051	2
AX-157726551	3	90.778	KV452745.1	1012975	2-scf00051	2
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AX-158379379	3	90.942	KV452745.1	771495	2-scf00051	2
AX-157942376	3	90.942	KV452745.1	780168	2-scf00051	2
AX-157942382	3	90.942	KV452745.1	783822	2-scf00051	2
AX-157942435	3	90.942	KV452745.1	828428	2-scf00051	2
AX-157942508	3	90.942	KV452745.1	895977	2-scf00051	2
AX-157942381	3	91.106	KV452745.1	782331	2-scf00051	2
AX-157749858	3	91.106	KV452745.1	782993	2-scf00051	2
AX-157750929	3	91.106	KV452745.1	783380	2-scf00051	2
AX-157942391	3	91.106	KV452745.1	793063	2-scf00051	2
AX-157942411	3	91.106	KV452745.1	808419	2-scf00051	2
AX-157942415	3	91.106	KV452745.1	810316	2-scf00051	2
AX-157942455	3	91.106	KV452745.1	843678	2-scf00051	2
AX-157815063	3	91.106	KV452746.1	226285	2-scf00054	2
AX-157942395	3	91.325	KV452745.1	794664	2-scf00051	2
AX-157942397	3	91.325	KV452745.1	795856	2-scf00051	2
AX-158382656	3	91.325	KV452745.1	797767	2-scf00051	2
AX-157942405	3	91.325	KV452745.1	804636	2-scf00051	2
AX-157942421	3	91.325	KV452745.1	813273	2-scf00051	2
AX-157942412	3	91.326	KV452745.1	808822	2-scf00051	2
AX-157942414	3	91.326	KV452745.1	809332	2-scf00051	2
AX-157942419	3	91.488	KV452745.1	812082	2-scf00051	2
AX-157942422	3	91.488	KV452745.1	814993	2-scf00051	2
AX-157942423	3	91.488	KV452745.1	819665	2-scf00051	2
AX-157942428	3	91.576	KV452745.1	825108	2-scf00051	2
AX-157716707	3	91.576	KV452745.1	924634	2-scf00051	2
AX-157942534	3	91.576	KV452745.1	925889	2-scf00051	2
AX-157942449	3	91.652	KV452745.1	839918	2-scf00051	2
AX-157942450	3	91.652	KV452745.1	840676	2-scf00051	2
AX-157942456	3	91.691	KV452745.1	845732	2-scf00051	2
AX-157942457	3	91.716	KV452745.1	847056	2-scf00051	2
AX-157942465	3	91.731	KV452745.1	851024	2-scf00051	2
AX-157942607	3	91.731	KV452745.1	1016181	2-scf00051	2
AX-157942468	3	91.762	KV452745.1	851812	2-scf00051	2
AX-157942469	3	91.762	KV452745.1	852252	2-scf00051	2
AX-157942471	3	91.763	KV452745.1	852713	2-scf00051	2
AX-157814352	3	91.926	KV452733.1	1730669	2-scf00041	2
AX-157937080	3	91.926	KV452733.1	3432609	2-scf00041	2
AX-157757442	3	91.926	KV452732.1	1315619	2-scf00042	2
AX-157940822	3	91.926	KV452742.1	4309774	2-scf00046	2
AX-157942475	3	91.926	KV452745.1	866270	2-scf00051	2
AX-157942448	3	92.086	KV452745.1	839607	2-scf00051	2
AX-157942483	3	92.086	KV452745.1	873208	2-scf00051	2
AX-157942485	3	92.086	KV452745.1	874682	2-scf00051	2
AX-157942492	3	92.086	KV452745.1	880303	2-scf00051	2
AX-157942495	3	92.086	KV452745.1	881357	2-scf00051	2
AX-157942496	3	92.086	KV452745.1	882441	2-scf00051	2
AX-157717197	3	92.086	KV452745.1	902052	2-scf00051	2

AX-157942512	3	92.086	KV452745.1	905111	2-scf00051	2
AX-157942513	3	92.086	KV452745.1	905518	2-scf00051	2
AX-157814922	3	92.086	KV452744.1	184453	2-scf00052	2
AX-157942516	3	92.417	KV452745.1	910448	2-scf00051	2
AX-157942517	3	92.417	KV452745.1	912134	2-scf00051	2
AX-157942532	3	92.463	KV452745.1	924809	2-scf00051	2
AX-157942537	3	92.527	KV452745.1	936309	2-scf00051	2
AX-157942538	3	92.527	KV452745.1	937744	2-scf00051	2
AX-157942540	3	92.527	KV452745.1	938430	2-scf00051	2
AX-157937227	3	92.557	KV452733.1	3570774	2-scf00041	2
AX-157942542	3	92.557	KV452745.1	939108	2-scf00051	2
AX-157942547	3	92.588	KV452745.1	944835	2-scf00051	2
AX-157942551	3	92.896	KV452745.1	947090	2-scf00051	2
AX-157942557	3	92.896	KV452745.1	955276	2-scf00051	2
AX-157942558	3	92.896	KV452745.1	955764	2-scf00051	2
AX-157942561	3	92.896	KV452745.1	958568	2-scf00051	2
AX-157942563	3	92.974	KV452745.1	960203	2-scf00051	2
AX-157942579	3	92.974	KV452745.1	981318	2-scf00051	2
AX-157942565	3	93.065	KV452745.1	964604	2-scf00051	2
AX-157758547	3	93.065	KV452745.1	972860	2-scf00051	2
AX-157942572	3	93.065	KV452745.1	976387	2-scf00051	2
AX-157942576	3	93.065	KV452745.1	980343	2-scf00051	2
AX-157942578	3	93.065	KV452745.1	980899	2-scf00051	2
AX-157942592	3	93.234	KV452745.1	998796	2-scf00051	2
AX-157942593	3	93.234	KV452745.1	1000206	2-scf00051	2
AX-157942603	3	93.234	KV452745.1	1011521	2-scf00051	2
AX-157942606	3	93.234	KV452745.1	1013581	2-scf00051	2
AX-157942608	3	93.234	KV452745.1	1016294	2-scf00051	2
AX-157942632	3	93.234	KV452745.1	1070697	2-scf00051	2
AX-157883909	3	93.234	KV452745.1	1294855	2-scf00051	2
AX-157744830	3	93.234	KV452745.1	1483803	2-scf00051	2
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AX-157945597	3	93.234	KV452746.1	477317	2-scf00054	2
AX-157942596	3	93.258	KV452745.1	1002518	2-scf00051	2
AX-158421997	3	93.258	KV452745.1	1020815	2-scf00051	2
AX-157942640	3	93.258	KV452745.1	1086867	2-scf00051	2
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AX-157942902	3	93.258	KV452745.1	1495241	2-scf00051	2
AX-157943717	3	93.258	KV452747.1	689953	2-scf00053	2
AX-157942622	3	93.273	KV452745.1	1055888	2-scf00051	2
AX-157943747	3	93.273	KV452747.1	737112	2-scf00053	2
AX-157943760	3	93.273	KV452747.1	750460	2-scf00053	2
AX-157942797	3	93.332	KV452745.1	1339968	2-scf00051	2
AX-157942837	3	93.394	KV452745.1	1429460	2-scf00051	2
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AX-157942407	3	93.401	KV452745.1	804992	2-scf00051	2
AX-157942602	3	93.401	KV452745.1	1008350	2-scf00051	2
AX-157942857	3	93.401	KV452745.1	1450977	2-scf00051	2
AX-157942860	3	93.401	KV452745.1	1454500	2-scf00051	2
AX-157942865	3	93.401	KV452745.1	1460167	2-scf00051	2
AX-157942919	3	93.401	KV452745.1	1539274	2-scf00051	2

AX-157942920	3	93.401	KV452745.1	1548731	2-scf00051	2
AX-157942923	3	93.401	KV452745.1	1560125	2-scf00051	2
AX-157943803	3	93.401	KV452747.1	809299	2-scf00053	2
AX-157942925	3	93.413	KV452745.1	1569705	2-scf00051	2
AX-157942931	3	93.423	KV452745.1	1574657	2-scf00051	2
AX-157869495	3	93.443	KV452745.1	1579477	2-scf00051	2
AX-157945595	3	93.443	KV452746.1	476196	2-scf00054	2
AX-157945628	3	93.443	KV452746.1	511475	2-scf00054	2
AX-157869493	3	93.462	KV452745.1	1572380	2-scf00051	2
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AX-157942929	3	93.462	KV452745.1	1573981	2-scf00051	2
AX-157942932	3	93.462	KV452745.1	1575844	2-scf00051	2
AX-157942933	3	93.462	KV452745.1	1576075	2-scf00051	2
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AX-157943521	3	93.462	KV452747.1	490459	2-scf00053	2
AX-157943573	3	93.462	KV452747.1	540264	2-scf00053	2
AX-157943575	3	93.462	KV452747.1	541292	2-scf00053	2
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AX-157945260	3	93.462	KV452746.1	2215	2-scf00054	2
AX-157945261	3	93.462	KV452746.1	2707	2-scf00054	2
AX-157815047	3	93.462	KV452746.1	3198	2-scf00054	2
AX-157945263	3	93.462	KV452746.1	6122	2-scf00054	2
AX-157945265	3	93.462	KV452746.1	8985	2-scf00054	2
AX-157945266	3	93.462	KV452746.1	10263	2-scf00054	2
AX-157945267	3	93.462	KV452746.1	12921	2-scf00054	2
AX-157945269	3	93.462	KV452746.1	21284	2-scf00054	2
AX-157815048	3	93.462	KV452746.1	24344	2-scf00054	2
AX-157945270	3	93.462	KV452746.1	25050	2-scf00054	2
AX-157945272	3	93.462	KV452746.1	27647	2-scf00054	2
AX-157945273	3	93.462	KV452746.1	28285	2-scf00054	2
AX-157945274	3	93.462	KV452746.1	28567	2-scf00054	2
AX-157945275	3	93.462	KV452746.1	30399	2-scf00054	2
AX-157945276	3	93.462	KV452746.1	30901	2-scf00054	2
AX-157945277	3	93.462	KV452746.1	31658	2-scf00054	2
AX-157945279	3	93.462	KV452746.1	34401	2-scf00054	2
AX-157945280	3	93.462	KV452746.1	45157	2-scf00054	2
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AX-157945536	3	93.462	KV452746.1	397399	2-scf00054	2
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AX-157945539	3	93.462	KV452746.1	402957	2-scf00054	2

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AX-157945546	3	93.462	KV452746.1	413164	2-scf00054	2
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AX-157945552	3	93.462	KV452746.1	426207	2-scf00054	2
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AX-157945557	3	93.462	KV452746.1	436166	2-scf00054	2
AX-157945560	3	93.462	KV452746.1	438360	2-scf00054	2
AX-157869518	3	93.462	KV452746.1	439503	2-scf00054	2
AX-157945561	3	93.462	KV452746.1	441845	2-scf00054	2
AX-157945563	3	93.462	KV452746.1	443731	2-scf00054	2
AX-157945564	3	93.462	KV452746.1	445184	2-scf00054	2
AX-157945565	3	93.462	KV452746.1	446342	2-scf00054	2
AX-157945566	3	93.462	KV452746.1	447973	2-scf00054	2
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AX-157945574	3	93.462	KV452746.1	454488	2-scf00054	2
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AX-157945577	3	93.462	KV452746.1	456376	2-scf00054	2
AX-157945578	3	93.462	KV452746.1	456819	2-scf00054	2
AX-157945581	3	93.462	KV452746.1	458538	2-scf00054	2
AX-157945583	3	93.462	KV452746.1	460424	2-scf00054	2
AX-157945584	3	93.462	KV452746.1	461928	2-scf00054	2
AX-157945585	3	93.462	KV452746.1	462755	2-scf00054	2
AX-157945587	3	93.462	KV452746.1	464253	2-scf00054	2
AX-157945589	3	93.462	KV452746.1	469948	2-scf00054	2
AX-158390143	3	93.462	KV452746.1	470361	2-scf00054	2
AX-157945593	3	93.462	KV452746.1	474749	2-scf00054	2
AX-157945598	3	93.462	KV452746.1	478089	2-scf00054	2
AX-157945602	3	93.462	KV452746.1	484641	2-scf00054	2
AX-157945603	3	93.462	KV452746.1	485516	2-scf00054	2
AX-157945609	3	93.462	KV452746.1	490201	2-scf00054	2
AX-157815096	3	93.462	KV452746.1	491562	2-scf00054	2
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AX-157945613	3	93.462	KV452746.1	495381	2-scf00054	2
AX-157945614	3	93.462	KV452746.1	496278	2-scf00054	2
AX-157945616	3	93.462	KV452746.1	501566	2-scf00054	2
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AX-157945618	3	93.462	KV452746.1	503750	2-scf00054	2
AX-157945619	3	93.462	KV452746.1	504385	2-scf00054	2
AX-157945620	3	93.462	KV452746.1	505435	2-scf00054	2

AX-157945621	3	93.462	KV452746.1	507272	2-scf00054	2
AX-157945623	3	93.462	KV452746.1	507729	2-scf00054	2
AX-157815098	3	93.462	KV452746.1	508318	2-scf00054	2
AX-157815100	3	93.462	KV452746.1	509418	2-scf00054	2
AX-157945625	3	93.462	KV452746.1	509744	2-scf00054	2
AX-157945626	3	93.462	KV452746.1	510706	2-scf00054	2
AX-157945629	3	93.462	KV452746.1	511908	2-scf00054	2
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AX-157943113	3	93.511	KV452747.1	48810	2-scf00053	2
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AX-157943215	3	93.511	KV452747.1	174637	2-scf00053	2
AX-157943234	3	93.511	KV452747.1	200645	2-scf00053	2
AX-157943293	3	93.511	KV452747.1	253382	2-scf00053	2
AX-157943466	3	93.511	KV452747.1	439061	2-scf00053	2
AX-157943469	3	93.511	KV452747.1	442653	2-scf00053	2
AX-157943636	3	93.511	KV452747.1	591067	2-scf00053	2
AX-157943710	3	93.511	KV452747.1	674644	2-scf00053	2
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AX-157943856	3	93.511	KV452747.1	847804	2-scf00053	2
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AX-157945361	3	93.511	KV452746.1	215066	2-scf00054	2
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AX-157945425	3	93.511	KV452746.1	275554	2-scf00054	2
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AX-157945513	3	93.511	KV452746.1	369445	2-scf00054	2
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AX-157945529	3	93.511	KV452746.1	389783	2-scf00054	2
AX-157945530	3	93.511	KV452746.1	390167	2-scf00054	2
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AX-157945672	3	93.511	KV452746.1	563137	2-scf00054	2
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AX-157945556	3	93.568	KV452746.1	432856	2-scf00054	2
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AX-157943248	3	93.62	KV452747.1	212596	2-scf00053	2
AX-157943250	3	93.62	KV452747.1	213645	2-scf00053	2
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AX-157943327	3	93.62	KV452747.1	287697	2-scf00053	2
AX-157943333	3	93.62	KV452747.1	292204	2-scf00053	2
AX-157943336	3	93.62	KV452747.1	293446	2-scf00053	2
AX-157943341	3	93.62	KV452747.1	303975	2-scf00053	2

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AX-157943405	3	93.62	KV452747.1	365394	2-scf00053	2
AX-157943441	3	93.62	KV452747.1	402427	2-scf00053	2
AX-157943601	3	93.62	KV452747.1	562919	2-scf00053	2
AX-157944239	3	93.62	KV452747.1	1223903	2-scf00053	2
AX-157815095	3	93.62	KV452746.1	479330	2-scf00054	2
AX-157945605	3	93.62	KV452746.1	486844	2-scf00054	2
AX-157945607	3	93.62	KV452746.1	488531	2-scf00054	2
AX-157945608	3	93.62	KV452746.1	489012	2-scf00054	2
AX-157945624	3	93.62	KV452746.1	509192	2-scf00054	2
AX-157945662	3	93.62	KV452746.1	549035	2-scf00054	2
AX-157945669	3	93.62	KV452746.1	558402	2-scf00054	2
AX-157945670	3	93.62	KV452746.1	558837	2-scf00054	2
AX-157869527	3	93.62	KV452746.1	563324	2-scf00054	2
AX-157869530	3	93.62	KV452746.1	566630	2-scf00054	2
AX-157945698	3	93.62	KV452746.1	591647	2-scf00054	2
AX-157945699	3	93.62	KV452746.1	593868	2-scf00054	2
AX-157945701	3	93.62	KV452746.1	595867	2-scf00054	2
AX-157945711	3	93.62	KV452746.1	612245	2-scf00054	2
AX-157694364	3	93.62	FI896849.1	755	10RI212 lctalt	UN
AX-158390122	3	93.729	KV452747.1	321013	2-scf00053	2
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AX-157943398	3	93.839	KV452747.1	357854	2-scf00053	2
AX-157943433	3	93.839	KV452747.1	389038	2-scf00053	2
AX-157943435	3	93.839	KV452747.1	396671	2-scf00053	2
AX-157943438	3	93.839	KV452747.1	399318	2-scf00053	2
AX-157943452	3	93.839	KV452747.1	422033	2-scf00053	2
AX-157943472	3	93.839	KV452747.1	446741	2-scf00053	2
AX-157943473	3	93.839	KV452747.1	447892	2-scf00053	2
AX-157943476	3	93.839	KV452747.1	450774	2-scf00053	2
AX-157943478	3	93.839	KV452747.1	451946	2-scf00053	2
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AX-157943486	3	93.839	KV452747.1	462919	2-scf00053	2
AX-157943487	3	93.839	KV452747.1	463316	2-scf00053	2
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AX-157943499	3	93.839	KV452747.1	477479	2-scf00053	2
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AX-157943508	3	93.839	KV452747.1	484732	2-scf00053	2
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AX-157943554	3	93.839	KV452747.1	521771	2-scf00053	2
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AX-157943925	3	93.846	KV452747.1	919055	2-scf00053	2
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AX-157945322	3	93.846	KV452746.1	174264	2-scf00054	2
AX-157945335	3	93.846	KV452746.1	189713	2-scf00054	2
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AX-157943872	3	93.889	KV452747.1	872345	2-scf00053	2
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AX-157945849	3	100.682	KV452750.1	291846	2-scf00055	2
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AX-157945862	3	100.93	KV452750.1	306963	2-scf00055	2
AX-157945895	3	100.93	KV452750.1	343737	2-scf00055	2
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AX-157717374	3	102.15	KV452750.1	397754	2-scf00055	2
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AX-157945817	3	102.262	KV452750.1	236063	2-scf00055	2
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AX-157945934	3	102.262	KV452750.1	409410	2-scf00055	2
AX-157945964	3	102.783	KV452750.1	627455	2-scf00055	2
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AX-157945967	3	102.783	KV452750.1	628705	2-scf00055	2
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AX-157946013	3	103.329	KV452750.1	707383	2-scf00055	2
AX-157946022	3	103.329	KV452750.1	715828	2-scf00055	2
AX-157945992	3	103.379	KV452750.1	674516	2-scf00055	2
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AX-157772708	3	105.547	KV452750.1	862419	2-scf00055	2
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AX-157946244	3	108.202	KV452750.1	1067320	2-scf00055	2
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AX-157946751	3	125.461	KV452750.1	1832525	2-scf00055	2
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AX-157946950	3	129.615	KV452750.1	2141199	2-scf00055	2
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AX-157721253	3	129.833	KV452750.1	2174210	2-scf00055	2
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AX-157747241	3	130.925	KV452750.1	2654373	2-scf00055	2
AX-157947257	3	130.925	KV452750.1	2654416	2-scf00055	2
AX-157947259	3	130.925	KV452750.1	2656450	2-scf00055	2
AX-157815263	3	130.925	KV452750.1	2658447	2-scf00055	2
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AX-157947273	3	130.925	KV452750.1	2731164	2-scf00055	2
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AX-157947275	3	130.925	KV452750.1	2733874	2-scf00055	2
AX-157719171	3	130.925	KV452750.1	2743267	2-scf00055	2
AX-157947277	3	130.925	KV452750.1	2745856	2-scf00055	2
AX-157947287	3	130.925	KV452750.1	2769000	2-scf00055	2
AX-158379408	3	130.925	KV452750.1	2769214	2-scf00055	2
AX-157947288	3	130.925	KV452750.1	2769408	2-scf00055	2
AX-157947289	3	130.925	KV452750.1	2770192	2-scf00055	2
AX-157947291	3	130.925	KV452750.1	2772832	2-scf00055	2
AX-157854620	3	130.925	KV452750.1	2774375	2-scf00055	2
AX-157947292	3	130.925	KV452750.1	2775026	2-scf00055	2
AX-157947296	3	130.925	KV452750.1	2776786	2-scf00055	2
AX-157947299	3	130.925	KV452750.1	2780883	2-scf00055	2
AX-157947301	3	130.925	KV452750.1	2782380	2-scf00055	2
AX-157947303	3	130.925	KV452750.1	2783283	2-scf00055	2
AX-157947306	3	130.925	KV452750.1	2786240	2-scf00055	2
AX-157815266	3	130.925	KV452750.1	2787711	2-scf00055	2
AX-157947308	3	130.925	KV452750.1	2790249	2-scf00055	2
AX-157947309	3	130.925	KV452750.1	2798571	2-scf00055	2
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AX-157947361	3	130.925	KV452750.1	2888298	2-scf00055	2
AX-157815283	3	130.925	KV452750.1	2909826	2-scf00055	2
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AX-157686619	3	130.925	KV453410.1	40147	scf00710	UN
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AX-157815280	3	131.201	KV452750.1	2880470	2-scf00055	2
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AX-157775316	3	131.253	KV452750.1	2765069	2-scf00055	2
AX-157947358	3	131.253	KV452750.1	2884714	2-scf00055	2
AX-157947363	3	131.253	KV452750.1	2890067	2-scf00055	2
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AX-157947366	3	131.253	KV452750.1	2893668	2-scf00055	2
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AX-157815281	3	131.253	KV452750.1	2898175	2-scf00055	2
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AX-157815285	3	131.253	KV452750.1	2910297	2-scf00055	2
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AX-157947429	3	131.69	KV452750.1	3045645	2-scf00055	2
AX-157947430	3	131.69	KV452750.1	3045778	2-scf00055	2
AX-157947433	3	131.69	KV452750.1	3052286	2-scf00055	2
AX-157947434	3	131.69	KV452750.1	3053150	2-scf00055	2
AX-157854627	3	131.69	KV452750.1	3085959	2-scf00055	2
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AX-158382720	3	131.721	KV452750.1	3053862	2-scf00055	2
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AX-157815295	3	131.908	KV452750.1	3066156	2-scf00055	2
AX-157774018	3	131.908	KV452750.1	3068208	2-scf00055	2
AX-157947448	3	131.908	KV452750.1	3068851	2-scf00055	2
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AX-157947455	3	131.908	KV452750.1	3080212	2-scf00055	2
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AX-157947456	3	131.945	KV452750.1	3084530	2-scf00055	2
AX-157947472	3	131.945	KV452750.1	3102343	2-scf00055	2
AX-157947459	3	131.994	KV452750.1	3088017	2-scf00055	2
AX-157726871	3	132.018	KV452750.1	2997140	2-scf00055	2
AX-157947461	3	132.018	KV452750.1	3090710	2-scf00055	2
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AX-157947466	3	132.073	KV452750.1	3096582	2-scf00055	2
AX-157947467	3	132.112	KV452750.1	3097231	2-scf00055	2
AX-157947469	3	132.127	KV452750.1	3100380	2-scf00055	2
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AX-157947473	3	132.127	KV452750.1	3103296	2-scf00055	2
AX-157947474	3	132.127	KV452750.1	3103641	2-scf00055	2
AX-158415188	3	132.127	KV452750.1	3106442	2-scf00055	2
AX-157947475	3	132.127	KV452750.1	3108460	2-scf00055	2
AX-157947499	3	132.127	KV452750.1	3134309	2-scf00055	2

AX-157947508	3	132.127	KV452750.1	3146287	2-scf00055	2
AX-157947478	3	132.345	KV452750.1	3110296	2-scf00055	2
AX-157947480	3	132.431	KV452750.1	3112801	2-scf00055	2
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AX-157947481	3	132.455	KV452750.1	3113384	2-scf00055	2
AX-157947482	3	132.455	KV452750.1	3114338	2-scf00055	2
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AX-157947487	3	132.564	KV452750.1	3118058	2-scf00055	2
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AX-157947501	3	132.564	KV452750.1	3137504	2-scf00055	2
AX-157947505	3	132.564	KV452750.1	3141799	2-scf00055	2
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AX-157947563	3	132.564	KV452750.1	3241264	2-scf00055	2
AX-157947584	3	132.564	KV452750.1	3270816	2-scf00055	2
AX-157947381	3	132.782	KV452750.1	2932423	2-scf00055	2
AX-157947506	3	132.782	KV452750.1	3142819	2-scf00055	2
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AX-157947511	3	132.782	KV452750.1	3150671	2-scf00055	2
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AX-157947512	3	132.782	KV452750.1	3152211	2-scf00055	2
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AX-157722429	3	132.782	KV452750.1	3164597	2-scf00055	2
AX-157947518	3	132.782	KV452750.1	3167851	2-scf00055	2
AX-158379412	3	132.782	KV452750.1	3168226	2-scf00055	2
AX-157947545	3	132.782	KV452750.1	3219342	2-scf00055	2
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AX-157947588	3	132.782	KV452750.1	3280841	2-scf00055	2
AX-157947590	3	132.782	KV452750.1	3284233	2-scf00055	2
AX-157682548	3	132.782	KV452752.1	372	2-scf00057	2
AX-157687899	3	132.782	KV452754.1	2383	2-scf01086	2
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AX-157947520	3	132.963	KV452750.1	3172235	2-scf00055	2
AX-157947522	3	132.963	KV452750.1	3174473	2-scf00055	2
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AX-157947524	3	132.963	KV452750.1	3177969	2-scf00055	2
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AX-157947530	3	132.963	KV452750.1	3194328	2-scf00055	2
AX-157947531	3	132.963	KV452750.1	3195177	2-scf00055	2

AX-157947532	3	132.963	KV452750.1	3196644	2-scf00055	2
AX-157947535	3	132.963	KV452750.1	3200623	2-scf00055	2
AX-157947538	3	132.963	KV452750.1	3205278	2-scf00055	2
AX-157947540	3	132.963	KV452750.1	3207887	2-scf00055	2
AX-157947541	3	132.963	KV452750.1	3209277	2-scf00055	2
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AX-157947548	3	132.963	KV452750.1	3224222	2-scf00055	2
AX-157947549	3	133.058	KV452750.1	3226358	2-scf00055	2
AX-157947551	3	133.175	KV452750.1	3229219	2-scf00055	2
AX-157883965	3	133.328	KV452750.1	3205687	2-scf00055	2
AX-157947547	3	133.328	KV452750.1	3223018	2-scf00055	2
AX-157815302	3	133.328	KV452750.1	3225311	2-scf00055	2
AX-157947552	3	133.328	KV452750.1	3231779	2-scf00055	2
AX-157947553	3	133.328	KV452750.1	3232848	2-scf00055	2
AX-157947555	3	133.328	KV452750.1	3234457	2-scf00055	2
AX-157947558	3	133.328	KV452750.1	3237317	2-scf00055	2
AX-157947564	3	133.328	KV452750.1	3241570	2-scf00055	2
AX-157947565	3	133.328	KV452750.1	3242150	2-scf00055	2
AX-157947569	3	133.328	KV452750.1	3247422	2-scf00055	2
AX-157864812	3	133.328	KV452750.1	3254714	2-scf00055	2
AX-157947580	3	133.328	KV452750.1	3261659	2-scf00055	2
AX-157947629	3	133.328	KV452750.1	3341744	2-scf00055	2
AX-157947571	3	133.378	KV452750.1	3249925	2-scf00055	2
AX-157740102	3	133.378	KV452750.1	3254899	2-scf00055	2
AX-157854630	3	133.548	KV452750.1	3237984	2-scf00055	2
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AX-157948094	3	135.958	KV452759.1	74470	2-scf00060	2
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AX-157815374	3	136.067	KV452760.1	68321	2-scf00061	2
AX-157815380	3	136.067	KV452760.1	83401	2-scf00061	2
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AX-157948347	4	0.423	KV452803.1	34748	4-scf00068	4
AX-157948345	4	0.423	KV452803.1	36228	4-scf00068	4
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AX-157948341	4	0.423	KV452803.1	54992	4-scf00068	4
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AX-157948327	4	0.423	KV452803.1	78376	4-scf00068	4
AX-157948325	4	0.423	KV452803.1	81555	4-scf00068	4
AX-157948324	4	0.423	KV452803.1	82858	4-scf00068	4
AX-158404909	4	0.423	KV452803.1	86947	4-scf00068	4
AX-157815405	4	0.423	KV452803.1	90272	4-scf00068	4
AX-157948322	4	0.423	KV452803.1	90882	4-scf00068	4
AX-157948321	4	0.423	KV452803.1	91231	4-scf00068	4
AX-157948320	4	0.423	KV452803.1	97971	4-scf00068	4
AX-157948318	4	0.423	KV452803.1	101670	4-scf00068	4
AX-157948306	4	0.423	KV452803.1	123815	4-scf00068	4
AX-157948301	4	0.423	KV452803.1	130864	4-scf00068	4
AX-157948292	4	0.423	KV452803.1	138292	4-scf00068	4
AX-157948291	4	0.423	KV452803.1	138609	4-scf00068	4

AX-157948287	4	0.423	KV452803.1	141463	4-scf00068	4
AX-157948285	4	0.423	KV452803.1	144575	4-scf00068	4
AX-157948267	4	0.423	KV452803.1	162694	4-scf00068	4
AX-157948371	4	0.423	KV452803.1	210746	4-scf00068	4
AX-157948372	4	0.423	KV452803.1	211661	4-scf00068	4
AX-157948382	4	0.423	KV452803.1	223229	4-scf00068	4
AX-157948387	4	0.423	KV452803.1	228592	4-scf00068	4
AX-157948395	4	0.423	KV452803.1	246236	4-scf00068	4
AX-157948413	4	0.423	KV452803.1	282619	4-scf00068	4
AX-157948418	4	0.423	KV452803.1	290764	4-scf00068	4
AX-157948420	4	0.423	KV452803.1	292792	4-scf00068	4
AX-157948438	4	0.423	KV452803.1	319412	4-scf00068	4
AX-157815412	4	0.423	KV452803.1	321380	4-scf00068	4
AX-157948441	4	0.423	KV452803.1	324665	4-scf00068	4
AX-157948452	4	0.423	KV452803.1	345796	4-scf00068	4
AX-157948466	4	0.423	KV452803.1	366023	4-scf00068	4
AX-157948472	4	0.423	KV452803.1	376661	4-scf00068	4
AX-157948474	4	0.423	KV452803.1	379386	4-scf00068	4
AX-157948486	4	0.423	KV452803.1	400191	4-scf00068	4
AX-157948493	4	0.423	KV452803.1	413789	4-scf00068	4
AX-157948496	4	0.423	KV452803.1	417332	4-scf00068	4
AX-157948499	4	0.423	KV452803.1	418837	4-scf00068	4
AX-157815425	4	0.423	KV452803.1	428072	4-scf00068	4
AX-157815426	4	0.423	KV452803.1	429946	4-scf00068	4
AX-157948510	4	0.423	KV452803.1	437068	4-scf00068	4
AX-157948515	4	0.423	KV452803.1	450748	4-scf00068	4
AX-157815428	4	0.423	KV452803.1	470698	4-scf00068	4
AX-157948541	4	0.423	KV452803.1	493036	4-scf00068	4
AX-157948545	4	0.423	KV452803.1	499427	4-scf00068	4
AX-157739470	4	0.423	KV452803.1	502913	4-scf00068	4
AX-157948559	4	0.423	KV452803.1	518596	4-scf00068	4
AX-157948580	4	0.423	KV452803.1	552831	4-scf00068	4
AX-157951200	4	0.423	KV452802.1	3024	4-scf00070	4
AX-157951202	4	0.423	KV452802.1	5116	4-scf00070	4
AX-157951205	4	0.423	KV452802.1	10296	4-scf00070	4
AX-157951215	4	0.423	KV452802.1	32601	4-scf00070	4
AX-157951225	4	0.423	KV452802.1	53976	4-scf00070	4
AX-157951227	4	0.423	KV452802.1	55665	4-scf00070	4
AX-157951228	4	0.423	KV452802.1	56197	4-scf00070	4
AX-157951229	4	0.423	KV452802.1	58402	4-scf00070	4
AX-157951230	4	0.423	KV452802.1	60156	4-scf00070	4
AX-157951231	4	0.423	KV452802.1	62009	4-scf00070	4
AX-157951232	4	0.423	KV452802.1	62405	4-scf00070	4
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AX-157951276	4	0.423	KV452802.1	120091	4-scf00070	4
AX-157951279	4	0.423	KV452802.1	121114	4-scf00070	4
AX-157951284	4	0.423	KV452802.1	123498	4-scf00070	4
AX-157951285	4	0.423	KV452802.1	123988	4-scf00070	4
AX-157951286	4	0.423	KV452802.1	124174	4-scf00070	4
AX-157753113	4	0.423	KV452802.1	125453	4-scf00070	4

AX-157951287	4	0.423	KV452802.1	125776	4-scf00070	4
AX-157951296	4	0.423	KV452802.1	141421	4-scf00070	4
AX-157951299	4	0.423	KV452802.1	145149	4-scf00070	4
AX-157951302	4	0.423	KV452802.1	148344	4-scf00070	4
AX-157771390	4	0.423	KV452802.1	151231	4-scf00070	4
AX-157951307	4	0.423	KV452802.1	154423	4-scf00070	4
AX-157951308	4	0.423	KV452802.1	155606	4-scf00070	4
AX-157951309	4	0.423	KV452802.1	156419	4-scf00070	4
AX-157951311	4	0.423	KV452802.1	158852	4-scf00070	4
AX-157951313	4	0.423	KV452802.1	161516	4-scf00070	4
AX-157951317	4	0.423	KV452802.1	165405	4-scf00070	4
AX-157951320	4	0.423	KV452802.1	167839	4-scf00070	4
AX-157747690	4	0.423	KV452802.1	170166	4-scf00070	4
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AX-157951353	4	0.423	KV452802.1	203439	4-scf00070	4
AX-157951360	4	0.423	KV452802.1	210433	4-scf00070	4
AX-157951361	4	0.423	KV452802.1	210967	4-scf00070	4
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AX-157951370	4	0.423	KV452802.1	218203	4-scf00070	4
AX-157951380	4	0.423	KV452802.1	231759	4-scf00070	4
AX-157951381	4	0.423	KV452802.1	232500	4-scf00070	4
AX-157951382	4	0.423	KV452802.1	235019	4-scf00070	4
AX-157951384	4	0.423	KV452802.1	237208	4-scf00070	4
AX-157951385	4	0.423	KV452802.1	237592	4-scf00070	4
AX-157723396	4	0.423	KV452802.1	240897	4-scf00070	4
AX-157815589	4	0.423	KV452802.1	244849	4-scf00070	4
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AX-157951403	4	0.423	KV452802.1	275958	4-scf00070	4
AX-157722301	4	0.423	KV452802.1	278243	4-scf00070	4
AX-157951405	4	0.423	KV452802.1	280280	4-scf00070	4
AX-157722603	4	0.423	KV452802.1	282704	4-scf00070	4
AX-157815592	4	0.423	KV452802.1	285752	4-scf00070	4
AX-157951410	4	0.423	KV452802.1	286567	4-scf00070	4
AX-157773575	4	0.423	KV452802.1	292181	4-scf00070	4
AX-157951412	4	0.423	KV452802.1	294390	4-scf00070	4
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AX-157689743	4	0.423	3ML01031826	507	scf07447_1	UN
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AX-157951416	4	0.434	KV452802.1	297531	4-scf00070	4
AX-157742729	4	0.532	KV452803.1	211584	4-scf00068	4
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AX-157948384	4	0.641	KV452803.1	225965	4-scf00068	4
AX-157864815	4	0.641	KV452803.1	227342	4-scf00068	4
AX-157948280	4	0.751	KV452803.1	149765	4-scf00068	4
AX-157747848	4	0.751	KV452803.1	157440	4-scf00068	4

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AX-157948391	4	0.751	KV452803.1	239951	4-scf00068	4
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AX-157815409	4	0.751	KV452803.1	248296	4-scf00068	4
AX-157948397	4	0.751	KV452803.1	249840	4-scf00068	4
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AX-157720137	4	0.751	KV452803.1	253582	4-scf00068	4
AX-157948401	4	0.751	KV452803.1	256671	4-scf00068	4
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AX-157815410	4	0.751	KV452803.1	271193	4-scf00068	4
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AX-157948414	4	0.751	KV452803.1	283084	4-scf00068	4
AX-157948415	4	0.751	KV452803.1	284214	4-scf00068	4
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AX-157951306	4	0.751	KV452802.1	151462	4-scf00070	4
AX-157951319	4	0.751	KV452802.1	167277	4-scf00070	4
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AX-157951323	4	0.751	KV452802.1	173238	4-scf00070	4
AX-157951329	4	0.751	KV452802.1	178090	4-scf00070	4
AX-157951330	4	0.751	KV452802.1	178714	4-scf00070	4
AX-157951331	4	0.751	KV452802.1	179577	4-scf00070	4
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AX-157951342	4	0.751	KV452802.1	188669	4-scf00070	4
AX-157951347	4	0.751	KV452802.1	195592	4-scf00070	4
AX-157951350	4	0.751	KV452802.1	198904	4-scf00070	4
AX-157951351	4	0.751	KV452802.1	200746	4-scf00070	4
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AX-157951358	4	0.751	KV452802.1	208760	4-scf00070	4
AX-157951362	4	0.751	KV452802.1	212049	4-scf00070	4
AX-158382797	4	0.751	KV452802.1	217500	4-scf00070	4
AX-157951376	4	0.751	KV452802.1	229138	4-scf00070	4
AX-157951394	4	0.751	KV452802.1	256910	4-scf00070	4
AX-157951395	4	0.751	KV452802.1	257304	4-scf00070	4
AX-157951401	4	0.751	KV452802.1	268231	4-scf00070	4
AX-157951408	4	0.751	KV452802.1	282457	4-scf00070	4

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AX-157948421	4	0.86	KV452803.1	293538	4-scf00068	4
AX-157948423	4	0.86	KV452803.1	294542	4-scf00068	4
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AX-157948432	4	0.969	KV452803.1	314951	4-scf00068	4
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AX-157951291	4	0.969	KV452802.1	134492	4-scf00070	4
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AX-157951346	4	0.969	KV452802.1	194788	4-scf00070	4
AX-157951356	4	0.969	KV452802.1	205098	4-scf00070	4
AX-157951400	4	0.969	KV452802.1	267631	4-scf00070	4
AX-157948458	4	1.078	KV452803.1	353951	4-scf00068	4
AX-157815416	4	1.078	KV452803.1	377216	4-scf00068	4
AX-157815417	4	1.078	KV452803.1	377484	4-scf00068	4
AX-157948473	4	1.078	KV452803.1	378804	4-scf00068	4
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AX-157727608	4	1.078	KV452803.1	397097	4-scf00068	4
AX-157815421	4	1.078	KV452803.1	400777	4-scf00068	4
AX-157747245	4	1.078	KV452803.1	402595	4-scf00068	4
AX-158382733	4	1.078	KV452803.1	407028	4-scf00068	4
AX-157948492	4	1.078	KV452803.1	411814	4-scf00068	4

AX-157948494	4	1.078	KV452803.1	414982	4-scf00068	4
AX-157948500	4	1.078	KV452803.1	421607	4-scf00068	4
AX-157948501	4	1.078	KV452803.1	423186	4-scf00068	4
AX-157948502	4	1.078	KV452803.1	424754	4-scf00068	4
AX-157948505	4	1.078	KV452803.1	425920	4-scf00068	4
AX-157948507	4	1.078	KV452803.1	428851	4-scf00068	4
AX-157948509	4	1.078	KV452803.1	435261	4-scf00068	4
AX-157714292	4	1.078	KV452803.1	435310	4-scf00068	4
AX-157745507	4	1.078	KV452803.1	445719	4-scf00068	4
AX-157948514	4	1.078	KV452803.1	448396	4-scf00068	4
AX-157951373	4	1.078	KV452802.1	220770	4-scf00070	4
AX-157951389	4	1.078	KV452802.1	249699	4-scf00070	4
AX-157948519	4	1.297	KV452803.1	460382	4-scf00068	4
AX-157948520	4	1.297	KV452803.1	462082	4-scf00068	4
AX-157948522	4	1.297	KV452803.1	466439	4-scf00068	4
AX-157948523	4	1.297	KV452803.1	468798	4-scf00068	4
AX-157948529	4	1.297	KV452803.1	476236	4-scf00068	4
AX-157948535	4	1.297	KV452803.1	481001	4-scf00068	4
AX-157951414	4	1.297	KV452802.1	295975	4-scf00070	4
AX-157948528	4	1.378	KV452803.1	474146	4-scf00068	4
AX-157854643	4	1.406	KV452803.1	479579	4-scf00068	4
AX-157815430	4	1.406	KV452803.1	482401	4-scf00068	4
AX-157768869	4	1.406	KV452803.1	482707	4-scf00068	4
AX-157720231	4	1.406	KV452803.1	483141	4-scf00068	4
AX-157714596	4	1.406	KV452803.1	483753	4-scf00068	4
AX-157864821	4	1.406	KV452803.1	488203	4-scf00068	4
AX-157780888	4	1.406	KV452803.1	491551	4-scf00068	4
AX-157948540	4	1.406	KV452803.1	491967	4-scf00068	4
AX-157951379	4	1.406	KV452802.1	230809	4-scf00070	4
AX-157815432	4	1.515	KV452803.1	498807	4-scf00068	4
AX-157815433	4	1.515	KV452803.1	501925	4-scf00068	4
AX-157948548	4	1.515	KV452803.1	502828	4-scf00068	4
AX-157948556	4	1.515	KV452803.1	516185	4-scf00068	4
AX-157948561	4	1.515	KV452803.1	522170	4-scf00068	4
AX-157948564	4	1.515	KV452803.1	535491	4-scf00068	4
AX-157948565	4	1.515	KV452803.1	536014	4-scf00068	4
AX-157746228	4	1.515	KV452803.1	539739	4-scf00068	4
AX-157815434	4	1.515	KV452803.1	539849	4-scf00068	4
AX-157948569	4	1.515	KV452803.1	540417	4-scf00068	4
AX-157948570	4	1.515	KV452803.1	541195	4-scf00068	4
AX-157948573	4	1.515	KV452803.1	544494	4-scf00068	4
AX-157948574	4	1.515	KV452803.1	545038	4-scf00068	4
AX-157948588	4	1.515	KV452803.1	565403	4-scf00068	4
AX-157948595	4	1.515	KV452803.1	573571	4-scf00068	4
AX-157948604	4	1.515	KV452803.1	582572	4-scf00068	4
AX-157815437	4	1.515	KV452803.1	585551	4-scf00068	4
AX-157749692	4	1.587	KV452803.1	541266	4-scf00068	4
AX-157715695	4	1.624	KV452803.1	549292	4-scf00068	4
AX-157948578	4	1.624	KV452803.1	549902	4-scf00068	4
AX-157948585	4	1.624	KV452803.1	563585	4-scf00068	4
AX-157948587	4	1.624	KV452803.1	564843	4-scf00068	4

AX-157948589	4	1.653	KV452803.1	567547	4-scf00068	4
AX-157948591	4	1.659	KV452803.1	568756	4-scf00068	4
AX-157948592	4	1.665	KV452803.1	570249	4-scf00068	4
AX-157948593	4	1.696	KV452803.1	570878	4-scf00068	4
AX-157948376	4	1.727	KV452803.1	214732	4-scf00068	4
AX-157948483	4	1.727	KV452803.1	391960	4-scf00068	4
AX-157948602	4	1.727	KV452803.1	579486	4-scf00068	4
AX-158382735	4	1.727	KV452803.1	604608	4-scf00068	4
AX-157948637	4	1.727	KV452803.1	619999	4-scf00068	4
AX-157948606	4	1.761	KV452803.1	584635	4-scf00068	4
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AX-157948609	4	1.761	KV452803.1	590532	4-scf00068	4
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AX-157948613	4	2.171	KV452803.1	595852	4-scf00068	4
AX-157948614	4	2.171	KV452803.1	597121	4-scf00068	4
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AX-157948624	4	2.171	KV452803.1	607454	4-scf00068	4
AX-157948625	4	2.171	KV452803.1	607810	4-scf00068	4
AX-157883995	4	2.171	KV452803.1	609801	4-scf00068	4
AX-157948622	4	2.194	KV452803.1	605291	4-scf00068	4
AX-157948626	4	2.238	KV452803.1	608475	4-scf00068	4
AX-157948551	4	2.28	KV452803.1	507888	4-scf00068	4
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AX-157948634	4	2.412	KV452803.1	617717	4-scf00068	4
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AX-157948648	4	2.682	KV452803.1	631111	4-scf00068	4
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AX-157749872	4	2.937	KV452803.1	647013	4-scf00068	4
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AX-157721013	4	3.155	KV452803.1	667611	4-scf00068	4
AX-157815443	4	3.155	KV452803.1	670357	4-scf00068	4

AX-157948669	4	3.155	KV452803.1	670815	4-scf00068	4
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AX-157948713	4	3.554	KV452803.1	716585	4-scf00068	4
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AX-157948770	4	3.962	KV452803.1	794569	4-scf00068	4
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AX-157948743	4	4.03	KV452803.1	760947	4-scf00068	4
AX-157948746	4	4.03	KV452803.1	763495	4-scf00068	4
AX-157948751	4	4.03	KV452803.1	768716	4-scf00068	4

AX-157815448	4	4.051	KV452803.1	772214	4-scf00068	4
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AX-157948816	4	4.904	KV452803.1	852448	4-scf00068	4
AX-157948818	4	4.904	KV452803.1	855114	4-scf00068	4
AX-157948822	4	4.904	KV452803.1	858224	4-scf00068	4
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AX-157948826	4	4.904	KV452803.1	861044	4-scf00068	4
AX-157948828	4	4.904	KV452803.1	862803	4-scf00068	4
AX-157948829	4	5.229	KV452803.1	864720	4-scf00068	4

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AX-157948860	4	5.234	KV452803.1	903756	4-scf00068	4
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AX-157948865	4	5.449	KV452803.1	915872	4-scf00068	4
AX-157948876	4	5.449	KV452803.1	926559	4-scf00068	4
AX-157948877	4	5.449	KV452803.1	927757	4-scf00068	4
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AX-157948862	4	5.559	KV452803.1	911350	4-scf00068	4
AX-157948866	4	5.559	KV452803.1	917109	4-scf00068	4
AX-157948874	4	5.559	KV452803.1	925553	4-scf00068	4
AX-157948875	4	5.559	KV452803.1	926106	4-scf00068	4
AX-157948879	4	5.559	KV452803.1	929161	4-scf00068	4
AX-157948882	4	5.559	KV452803.1	935024	4-scf00068	4
AX-157948883	4	5.559	KV452803.1	935657	4-scf00068	4
AX-157751427	4	5.559	KV452803.1	936255	4-scf00068	4
AX-157948884	4	5.559	KV452803.1	937263	4-scf00068	4
AX-157948885	4	5.559	KV452803.1	938255	4-scf00068	4
AX-157948886	4	5.559	KV452803.1	941266	4-scf00068	4
AX-157948887	4	5.559	KV452803.1	943228	4-scf00068	4
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AX-157948893	4	6.081	KV452803.1	950572	4-scf00068	4
AX-157948904	4	6.081	KV452803.1	961975	4-scf00068	4
AX-157948906	4	6.126	KV452803.1	964743	4-scf00068	4
AX-157948908	4	6.168	KV452803.1	966222	4-scf00068	4
AX-157815453	4	6.168	KV452803.1	999784	4-scf00068	4
AX-157948935	4	6.168	KV452803.1	1005211	4-scf00068	4
AX-157748747	4	6.168	KV452803.1	1021717	4-scf00068	4
AX-157948910	4	6.213	KV452803.1	967839	4-scf00068	4
AX-157948916	4	6.214	KV452803.1	980018	4-scf00068	4
AX-157948917	4	6.214	KV452803.1	981393	4-scf00068	4
AX-157948918	4	6.214	KV452803.1	982722	4-scf00068	4
AX-157948920	4	6.214	KV452803.1	984761	4-scf00068	4
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AX-157948939	4	6.366	KV452803.1	1010706	4-scf00068	4
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AX-157727211	4	16.836	KV452803.1	1509543	4-scf00068	4
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AX-157949322	4	16.836	KV452803.1	1511609	4-scf00068	4
AX-157949325	4	16.836	KV452803.1	1518028	4-scf00068	4
AX-157949326	4	16.836	KV452803.1	1518481	4-scf00068	4
AX-157949327	4	16.836	KV452803.1	1519909	4-scf00068	4
AX-157949328	4	16.836	KV452803.1	1522350	4-scf00068	4
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AX-157949331	4	16.961	KV452803.1	1529001	4-scf00068	4
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AX-157949360	4	16.961	KV452803.1	1565612	4-scf00068	4
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AX-157949346	4	17.097	KV452803.1	1547484	4-scf00068	4
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AX-157721387	4	17.337	KV452803.1	1552489	4-scf00068	4
AX-157949355	4	17.337	KV452803.1	1558053	4-scf00068	4
AX-157949357	4	17.337	KV452803.1	1559881	4-scf00068	4

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AX-157949365	4	17.337	KV452803.1	1570883	4-scf00068	4
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AX-157949593	4	27.253	KV452803.1	1880252	4-scf00068	4
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AX-157949674	4	30.33	KV452803.1	1996952	4-scf00068	4
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AX-157949681	4	30.528	KV452803.1	2004602	4-scf00068	4
AX-157949685	4	30.573	KV452803.1	2008658	4-scf00068	4
AX-157949686	4	30.76	KV452803.1	2009789	4-scf00068	4
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AX-157949690	4	30.76	KV452803.1	2015656	4-scf00068	4
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AX-157949725	4	31.974	KV452803.1	2075045	4-scf00068	4
AX-157949726	4	32.241	KV452803.1	2079526	4-scf00068	4
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AX-157724396	4	32.382	KV452803.1	2084593	4-scf00068	4
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AX-157949749	4	33.373	KV452803.1	2124786	4-scf00068	4
AX-157949732	4	33.394	KV452803.1	2094437	4-scf00068	4
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AX-157815488	4	33.873	KV452803.1	2163709	4-scf00068	4
AX-157949772	4	33.873	KV452803.1	2164586	4-scf00068	4
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AX-157950118	4	38.872	KV452803.1	2723111	4-scf00068	4
AX-158421208	4	38.872	3ML01032939	337	scf08571_1	UN
AX-157706800	4	38.872	3ML01032939	514	scf08571_1	UN
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AX-157950153	4	39.009	KV452803.1	2763425	4-scf00068	4
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AX-157753634	4	42.89	KV452803.1	3798937	4-scf00068	4
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AX-157950988	4	42.89	KV452803.1	3847170	4-scf00068	4
AX-157950718	4	42.998	KV452803.1	3478341	4-scf00068	4
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AX-157950926	4	43.109	KV452803.1	3772266	4-scf00068	4
AX-157950962	4	43.109	KV452803.1	3810585	4-scf00068	4
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AX-157950967	4	43.109	KV452803.1	3813224	4-scf00068	4
AX-157950968	4	43.109	KV452803.1	3813588	4-scf00068	4
AX-157815567	4	43.109	KV452803.1	3819784	4-scf00068	4

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AX-157951073	4	44.093	KV452803.1	3955189	4-scf00068	4
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AX-157951157	4	44.967	KV452803.1	4076769	4-scf00068	4
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AX-157951443	4	45.295	KV452804.1	26987	4-scf00071	4
AX-157951444	4	45.295	KV452804.1	28345	4-scf00071	4
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AX-157951464	4	45.513	KV452804.1	49540	4-scf00071	4

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AX-157951473	4	45.513	KV452804.1	63303	4-scf00071	4
AX-157951475	4	45.513	KV452804.1	65189	4-scf00071	4
AX-157951477	4	45.513	KV452804.1	66726	4-scf00071	4
AX-157951479	4	45.513	KV452804.1	67633	4-scf00071	4
AX-157752186	4	45.513	KV452804.1	67690	4-scf00071	4
AX-157815597	4	45.622	KV452804.1	68153	4-scf00071	4
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AX-157951484	4	45.622	KV452804.1	83491	4-scf00071	4
AX-157951485	4	45.622	KV452804.1	84084	4-scf00071	4
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AX-157951536	4	45.95	KV452804.1	153705	4-scf00071	4
AX-157951538	4	45.95	KV452804.1	158632	4-scf00071	4
AX-157951541	4	45.95	KV452804.1	161693	4-scf00071	4
AX-157951542	4	45.95	KV452804.1	162396	4-scf00071	4
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AX-157951547	4	45.95	KV452804.1	173571	4-scf00071	4
AX-157951574	4	45.95	KV452804.1	201634	4-scf00071	4
AX-157951656	4	45.95	KV452804.1	293792	4-scf00071	4
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AX-157951555	4	46.168	KV452804.1	181561	4-scf00071	4
AX-157951556	4	46.168	KV452804.1	182002	4-scf00071	4
AX-157951557	4	46.168	KV452804.1	183372	4-scf00071	4
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AX-157951563	4	46.168	KV452804.1	191207	4-scf00071	4
AX-157951568	4	46.168	KV452804.1	196586	4-scf00071	4
AX-157951570	4	46.168	KV452804.1	197771	4-scf00071	4
AX-157951571	4	46.168	KV452804.1	198386	4-scf00071	4
AX-157951573	4	46.168	KV452804.1	201066	4-scf00071	4
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AX-158415263	4	46.238	KV452804.1	204251	4-scf00071	4
AX-157951518	4	46.277	KV452804.1	130306	4-scf00071	4
AX-157951550	4	46.277	KV452804.1	176794	4-scf00071	4
AX-157951578	4	46.277	KV452804.1	207200	4-scf00071	4
AX-157951579	4	46.277	KV452804.1	207918	4-scf00071	4
AX-157951580	4	46.277	KV452804.1	208766	4-scf00071	4
AX-157951583	4	46.277	KV452804.1	211306	4-scf00071	4
AX-157951586	4	46.313	KV452804.1	216289	4-scf00071	4
AX-157951567	4	46.344	KV452804.1	195921	4-scf00071	4
AX-157951572	4	46.344	KV452804.1	199128	4-scf00071	4
AX-157951587	4	46.344	KV452804.1	216928	4-scf00071	4
AX-157951593	4	46.344	KV452804.1	225015	4-scf00071	4
AX-157951599	4	46.366	KV452804.1	229507	4-scf00071	4
AX-157951590	4	46.387	KV452804.1	221717	4-scf00071	4
AX-158379448	4	46.387	KV452804.1	230113	4-scf00071	4
AX-157951600	4	46.387	KV452804.1	230335	4-scf00071	4
AX-157951603	4	46.387	KV452804.1	233496	4-scf00071	4
AX-157951604	4	46.387	KV452804.1	235009	4-scf00071	4
AX-157815604	4	46.387	KV452804.1	242103	4-scf00071	4
AX-157951611	4	46.387	KV452804.1	245906	4-scf00071	4
AX-157951636	4	46.387	KV452804.1	275630	4-scf00071	4
AX-157951648	4	46.387	KV452804.1	288779	4-scf00071	4
AX-157951675	4	46.387	KV452804.1	331460	4-scf00071	4
AX-157756227	4	46.387	KV452804.1	337175	4-scf00071	4
AX-157951715	4	46.387	KV452804.1	388939	4-scf00071	4
AX-157815608	4	46.387	KV452804.1	392081	4-scf00071	4
AX-157951602	4	46.406	KV452804.1	233099	4-scf00071	4
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AX-157951637	4	46.423	KV452804.1	276086	4-scf00071	4
AX-157951988	4	46.423	KV452804.1	748401	4-scf00071	4
AX-157951641	4	46.453	KV452804.1	280389	4-scf00071	4
AX-157951560	4	46.496	KV452804.1	188521	4-scf00071	4
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AX-157951633	4	46.496	KV452804.1	272820	4-scf00071	4
AX-157951634	4	46.496	KV452804.1	273881	4-scf00071	4
AX-157951642	4	46.496	KV452804.1	282061	4-scf00071	4
AX-157951644	4	46.496	KV452804.1	284158	4-scf00071	4
AX-157951645	4	46.496	KV452804.1	285391	4-scf00071	4
AX-157951649	4	46.496	KV452804.1	289564	4-scf00071	4
AX-157951650	4	46.496	KV452804.1	290331	4-scf00071	4
AX-157951652	4	46.496	KV452804.1	291725	4-scf00071	4
AX-157951653	4	46.496	KV452804.1	292145	4-scf00071	4
AX-157951658	4	46.496	KV452804.1	295013	4-scf00071	4

AX-157743974	4	46.496	KV452804.1	300607	4-scf00071	4
AX-157951664	4	46.496	KV452804.1	302575	4-scf00071	4
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AX-157854671	4	46.496	KV452804.1	306582	4-scf00071	4
AX-157951666	4	46.496	KV452804.1	307594	4-scf00071	4
AX-157951737	4	46.496	KV452804.1	420058	4-scf00071	4
AX-158390209	4	46.496	KV452804.1	423168	4-scf00071	4
AX-157951756	4	46.496	KV452804.1	450511	4-scf00071	4
AX-157951776	4	46.496	KV452804.1	472242	4-scf00071	4
AX-157951791	4	46.496	KV452804.1	493477	4-scf00071	4
AX-157951799	4	46.496	KV452804.1	499614	4-scf00071	4
AX-157951800	4	46.496	KV452804.1	500313	4-scf00071	4
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AX-157951823	4	46.496	KV452804.1	526841	4-scf00071	4
AX-157875414	4	46.496	KV452804.1	565977	4-scf00071	4
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AX-157765191	4	46.605	KV452804.1	321241	4-scf00071	4
AX-157951680	4	46.605	KV452804.1	341891	4-scf00071	4
AX-157951705	4	46.605	KV452804.1	377292	4-scf00071	4
AX-157951671	4	46.633	KV452804.1	322646	4-scf00071	4
AX-157951673	4	46.649	KV452804.1	325045	4-scf00071	4
AX-157951674	4	46.682	KV452804.1	330656	4-scf00071	4
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AX-157951676	4	46.714	KV452804.1	334471	4-scf00071	4
AX-157951679	4	46.714	KV452804.1	340176	4-scf00071	4
AX-157951682	4	46.714	KV452804.1	343255	4-scf00071	4
AX-157951684	4	46.714	KV452804.1	344778	4-scf00071	4
AX-157951686	4	46.714	KV452804.1	347480	4-scf00071	4
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AX-157951690	4	46.714	KV452804.1	351559	4-scf00071	4
AX-157951695	4	46.714	KV452804.1	357966	4-scf00071	4
AX-157951699	4	46.714	KV452804.1	365881	4-scf00071	4
AX-157951701	4	46.714	KV452804.1	367625	4-scf00071	4
AX-157951702	4	46.714	KV452804.1	369937	4-scf00071	4
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AX-157951712	4	46.714	KV452804.1	386574	4-scf00071	4
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AX-157951810	4	47.069	KV452804.1	512325	4-scf00071	4
AX-157951851	4	47.069	KV452804.1	565625	4-scf00071	4
AX-157951854	4	47.069	KV452804.1	569196	4-scf00071	4
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AX-157951873	4	47.807	KV452804.1	601323	4-scf00071	4
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AX-157951903	4	47.807	KV452804.1	641706	4-scf00071	4
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AX-157951989	4	47.807	KV452804.1	751679	4-scf00071	4

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AX-157884030	4	47.841	KV452804.1	638236	4-scf00071	4
AX-157951934	4	47.841	KV452804.1	681067	4-scf00071	4
AX-157951990	4	47.841	KV452804.1	751926	4-scf00071	4
AX-157951937	4	47.867	KV452804.1	684021	4-scf00071	4
AX-157749893	4	47.896	KV452804.1	691801	4-scf00071	4
AX-157951726	4	47.917	KV452804.1	401080	4-scf00071	4
AX-157951739	4	47.917	KV452804.1	423843	4-scf00071	4
AX-157951777	4	47.917	KV452804.1	473204	4-scf00071	4
AX-157951829	4	47.917	KV452804.1	534354	4-scf00071	4
AX-157951869	4	47.917	KV452804.1	598882	4-scf00071	4
AX-157951870	4	47.917	KV452804.1	599197	4-scf00071	4
AX-157951877	4	47.917	KV452804.1	608027	4-scf00071	4
AX-157951888	4	47.917	KV452804.1	618718	4-scf00071	4
AX-157951906	4	47.917	KV452804.1	649946	4-scf00071	4
AX-157951942	4	47.917	KV452804.1	693299	4-scf00071	4
AX-157951946	4	47.917	KV452804.1	697780	4-scf00071	4
AX-157951952	4	47.917	KV452804.1	706949	4-scf00071	4
AX-157951953	4	47.917	KV452804.1	707923	4-scf00071	4
AX-157951954	4	47.917	KV452804.1	708085	4-scf00071	4
AX-157951957	4	47.917	KV452804.1	711370	4-scf00071	4
AX-157815614	4	47.917	KV452804.1	711654	4-scf00071	4
AX-157951958	4	47.917	KV452804.1	712115	4-scf00071	4
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AX-157951969	4	47.917	KV452804.1	725309	4-scf00071	4
AX-157951972	4	47.917	KV452804.1	728916	4-scf00071	4
AX-157815616	4	47.917	KV452804.1	730707	4-scf00071	4
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AX-157951978	4	47.917	KV452804.1	735506	4-scf00071	4
AX-157951981	4	47.917	KV452804.1	738459	4-scf00071	4
AX-157951983	4	47.917	KV452804.1	739521	4-scf00071	4
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AX-157951994	4	47.917	KV452804.1	755639	4-scf00071	4
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AX-157815631	4	47.917	KV452804.1	1012825	4-scf00071	4
AX-157951961	4	47.962	KV452804.1	716966	4-scf00071	4
AX-157951987	4	47.962	KV452804.1	747770	4-scf00071	4
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AX-157951986	4	48.026	KV452804.1	743192	4-scf00071	4
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AX-157952013	4	48.026	KV452804.1	783918	4-scf00071	4
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AX-157953938	4	55.454	KV452804.1	3423216	4-scf00071	4
AX-157953964	4	55.454	KV452804.1	3462749	4-scf00071	4
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AX-157957048	4	56.18	KV452806.1	726409	4-scf00073	4
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AX-157957069	4	56.18	KV452806.1	755451	4-scf00073	4
AX-157755578	4	56.18	KV452806.1	834534	4-scf00073	4

AX-157957122	4	56.18	KV452806.1	836436	4-scf00073	4
AX-157957236	4	56.18	KV452806.1	964586	4-scf00073	4
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AX-157961484	4	58.616	KV452824.1	1252541	4-scf00086	4
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AX-157969520	4	58.872	KV452827.1	535865	4-scf00096	4
AX-157969697	4	58.872	KV452827.1	1311678	4-scf00096	4
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AX-157854819	4	59.834	KV452829.1	1841841	4-scf00092	4
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AX-157963762	4	59.834	KV452829.1	1959004	4-scf00092	4
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AX-157816576	4	59.834	KV452829.1	1965601	4-scf00092	4
AX-157816577	4	59.834	KV452829.1	1966705	4-scf00092	4
AX-157963772	4	59.834	KV452829.1	1967491	4-scf00092	4
AX-157854834	4	59.834	KV452829.1	1969266	4-scf00092	4
AX-157816578	4	59.834	KV452829.1	1970178	4-scf00092	4
AX-157963775	4	59.834	KV452829.1	1970546	4-scf00092	4
AX-157854835	4	59.834	KV452829.1	1974316	4-scf00092	4
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AX-157963781	4	59.834	KV452829.1	1981773	4-scf00092	4
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AX-157963790	4	59.834	KV452829.1	1989949	4-scf00092	4
AX-157854837	4	59.834	KV452829.1	1990313	4-scf00092	4
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AX-157963791	4	59.834	KV452829.1	1991579	4-scf00092	4
AX-157854839	4	59.834	KV452829.1	1993963	4-scf00092	4

AX-157963793	4	59.834	KV452829.1	1994064	4-scf00092	4
AX-157963795	4	59.834	KV452829.1	1995329	4-scf00092	4
AX-157963796	4	59.834	KV452829.1	1996970	4-scf00092	4
AX-157963797	4	59.834	KV452829.1	1997087	4-scf00092	4
AX-157963808	4	59.834	KV452829.1	2007473	4-scf00092	4
AX-157963809	4	59.834	KV452829.1	2009892	4-scf00092	4
AX-157963837	4	59.834	KV452829.1	2037122	4-scf00092	4
AX-157963853	4	59.834	KV452829.1	2056238	4-scf00092	4
AX-158406610	4	59.834	KV452827.1	139242	4-scf00096	4
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AX-157969437	4	59.834	KV452827.1	321987	4-scf00096	4
AX-157969455	4	59.834	KV452827.1	357483	4-scf00096	4
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AX-157969550	4	59.834	KV452827.1	676446	4-scf00096	4
AX-157969562	4	59.834	KV452827.1	705004	4-scf00096	4
AX-157969643	4	59.834	KV452827.1	1083628	4-scf00096	4
AX-157681226	4	59.834	3ML01025951	1954	scf01560_1	UN
AX-157706653	4	59.834	3ML01032676	168	scf08303_1	UN
AX-157681284	4	59.834		150	scf18734	UN
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AX-157963121	4	59.915	KV452829.1	627716	4-scf00092	4
AX-157963308	4	59.915	KV452829.1	903373	4-scf00092	4
AX-157963788	4	59.915	KV452829.1	1985796	4-scf00092	4
AX-157963894	4	59.915	KV452829.1	2105254	4-scf00092	4
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AX-157963235	4	60.076	KV452829.1	789342	4-scf00092	4
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AX-157963372	4	60.076	KV452829.1	1001419	4-scf00092	4
AX-157963397	4	60.076	KV452829.1	1046659	4-scf00092	4
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AX-157963816	4	60.076	KV452829.1	2016783	4-scf00092	4
AX-157963852	4	60.076	KV452829.1	2049250	4-scf00092	4
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AX-157963902	4	60.076	KV452829.1	2110163	4-scf00092	4
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AX-157963955	4	61.713	KV452829.1	2190366	4-scf00092	4

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AX-157738299	4	62.074	KV452829.1	2618169	4-scf00092	4
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AX-157964025	4	62.243	KV452829.1	2276757	4-scf00092	4
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AX-157965960	4	63.718	KV452829.1	4060045	4-scf00092	4
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AX-157966055	4	63.718	KV452829.1	4150030	4-scf00092	4
AX-157966056	4	63.718	KV452829.1	4151687	4-scf00092	4
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AX-157966083	4	64.428	KV452829.1	4177490	4-scf00092	4

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AX-157966184	4	64.428	KV452829.1	4271759	4-scf00092	4
AX-157966065	4	64.59	KV452829.1	4161874	4-scf00092	4
AX-157966068	4	64.59	KV452829.1	4163149	4-scf00092	4
AX-157966071	4	64.591	KV452829.1	4164328	4-scf00092	4
AX-157966072	4	64.591	KV452829.1	4164705	4-scf00092	4
AX-157966077	4	64.591	KV452829.1	4171373	4-scf00092	4
AX-157966081	4	64.591	KV452829.1	4173630	4-scf00092	4
AX-157966085	4	64.591	KV452829.1	4180061	4-scf00092	4
AX-157966088	4	64.701	KV452829.1	4184462	4-scf00092	4
AX-157966089	4	64.701	KV452829.1	4185125	4-scf00092	4
AX-157966091	4	64.701	KV452829.1	4186407	4-scf00092	4
AX-157966094	4	64.701	KV452829.1	4189215	4-scf00092	4
AX-157966098	4	64.729	KV452829.1	4190254	4-scf00092	4
AX-157966102	4	64.729	KV452829.1	4193824	4-scf00092	4
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AX-157965289	4	64.827	KV452829.1	3486198	4-scf00092	4
AX-157966118	4	64.919	KV452829.1	4207195	4-scf00092	4
AX-157714240	4	64.919	KV452829.1	4210643	4-scf00092	4
AX-157816685	4	64.919	KV452829.1	4212956	4-scf00092	4
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AX-157966137	4	64.919	KV452829.1	4220616	4-scf00092	4
AX-157966143	4	64.919	KV452829.1	4225222	4-scf00092	4
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AX-157966120	4	64.92	KV452829.1	4207566	4-scf00092	4
AX-157966139	4	64.92	KV452829.1	4222153	4-scf00092	4
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AX-157966148	4	65.083	KV452829.1	4230039	4-scf00092	4
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AX-157966152	4	65.247	KV452829.1	4235366	4-scf00092	4
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AX-157966167	4	65.574	KV452829.1	4257324	4-scf00092	4
AX-157966170	4	65.902	KV452829.1	4261728	4-scf00092	4
AX-157816687	4	65.902	KV452829.1	4262367	4-scf00092	4
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AX-157966196	4	66.122	KV452829.1	4280180	4-scf00092	4
AX-157966198	4	66.122	KV452829.1	4281685	4-scf00092	4
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AX-157966521	4	70.932	KV452829.1	4575228	4-scf00092	4
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AX-157966487	4	70.933	KV452829.1	4527305	4-scf00092	4
AX-157966489	4	70.933	KV452829.1	4528156	4-scf00092	4
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AX-157966517	4	71.349	KV452829.1	4570216	4-scf00092	4
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AX-157966572	4	71.369	KV452829.1	4629214	4-scf00092	4
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AX-157966565	4	71.807	KV452829.1	4617387	4-scf00092	4
AX-157966551	4	71.915	KV452829.1	4604615	4-scf00092	4
AX-157710499	4	71.915	KV452829.1	4620505	4-scf00092	4
AX-157966570	4	71.915	KV452829.1	4626603	4-scf00092	4
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AX-157966593	4	72.003	KV452829.1	4652005	4-scf00092	4
AX-157966585	4	72.01	KV452829.1	4642637	4-scf00092	4
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AX-157966589	4	72.025	KV452829.1	4646386	4-scf00092	4
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AX-157966599	4	72.025	KV452829.1	4653360	4-scf00092	4
AX-157816719	4	72.025	KV452829.1	4657088	4-scf00092	4
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AX-157966605	4	72.243	KV452829.1	4662799	4-scf00092	4
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AX-157966615	4	72.352	KV452829.1	4670056	4-scf00092	4
AX-157966617	4	72.396	KV452829.1	4673960	4-scf00092	4
AX-157816724	4	72.396	KV452829.1	4715649	4-scf00092	4
AX-157966619	4	72.462	KV452829.1	4675313	4-scf00092	4
AX-157966620	4	72.516	KV452829.1	4676728	4-scf00092	4
AX-157966611	4	72.571	KV452829.1	4666643	4-scf00092	4
AX-157966622	4	72.571	KV452829.1	4679397	4-scf00092	4
AX-157966623	4	72.571	KV452829.1	4679820	4-scf00092	4

AX-157966624	4	72.571	KV452829.1	4680880	4-scf00092	4
AX-157966628	4	72.572	KV452829.1	4684032	4-scf00092	4
AX-157966614	4	72.735	KV452829.1	4669483	4-scf00092	4
AX-157966630	4	72.735	KV452829.1	4685140	4-scf00092	4
AX-157966631	4	72.735	KV452829.1	4685950	4-scf00092	4
AX-157751934	4	72.735	KV452829.1	4687543	4-scf00092	4
AX-157966632	4	72.735	KV452829.1	4687985	4-scf00092	4
AX-157740213	4	72.735	KV452829.1	4714339	4-scf00092	4
AX-157966633	4	72.899	KV452829.1	4690524	4-scf00092	4
AX-157966634	4	72.899	KV452829.1	4691039	4-scf00092	4
AX-157966638	4	72.899	KV452829.1	4697241	4-scf00092	4
AX-157966639	4	72.899	KV452829.1	4699640	4-scf00092	4
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AX-157966646	4	72.899	KV452829.1	4710716	4-scf00092	4
AX-157966649	4	72.899	KV452829.1	4712681	4-scf00092	4
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AX-157966654	4	72.899	KV452829.1	4719031	4-scf00092	4
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AX-157966673	4	73.552	KV452829.1	4745710	4-scf00092	4
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AX-157966708	4	73.555	KV452829.1	4782916	4-scf00092	4

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AX-157966794	4	73.555	KV452829.1	4862376	4-scf00092	4
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AX-157966969	4	76.833	KV452829.1	5044629	4-scf00092	4
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AX-157967092	4	78.426	KV452829.1	5182113	4-scf00092	4

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AX-157967108	4	78.426	KV452829.1	5195296	4-scf00092	4
AX-157967109	4	78.426	KV452829.1	5196478	4-scf00092	4
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AX-157967125	4	79.25	KV452829.1	5217805	4-scf00092	4
AX-157967127	4	79.25	KV452829.1	5219058	4-scf00092	4
AX-157967133	4	79.25	KV452829.1	5222514	4-scf00092	4
AX-157967138	4	79.25	KV452829.1	5225814	4-scf00092	4
AX-157967142	4	79.25	KV452829.1	5233984	4-scf00092	4
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AX-157967141	4	79.346	KV452829.1	5233265	4-scf00092	4
AX-157967115	4	79.387	KV452829.1	5210285	4-scf00092	4
AX-157816756	4	79.387	KV452829.1	5234881	4-scf00092	4
AX-157967145	4	79.387	KV452829.1	5235942	4-scf00092	4
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AX-157967152	4	79.387	KV452829.1	5247799	4-scf00092	4
AX-157967154	4	79.387	KV452829.1	5249813	4-scf00092	4
AX-157967156	4	79.387	KV452829.1	5253279	4-scf00092	4
AX-157967158	4	79.387	KV452829.1	5258433	4-scf00092	4
AX-157967163	4	79.758	KV452829.1	5267843	4-scf00092	4
AX-157816757	4	79.926	KV452829.1	5274147	4-scf00092	4
AX-157967167	4	79.93	KV452829.1	5276556	4-scf00092	4
AX-157967169	4	79.934	KV452829.1	5280894	4-scf00092	4
AX-157967171	4	79.934	KV452829.1	5284107	4-scf00092	4
AX-157967084	4	79.937	KV452829.1	5176462	4-scf00092	4
AX-157967175	4	79.937	KV452829.1	5287128	4-scf00092	4
AX-157967176	4	79.937	KV452829.1	5288119	4-scf00092	4
AX-157967181	4	79.937	KV452829.1	5290648	4-scf00092	4
AX-158379496	4	80.212	KV452829.1	5227973	4-scf00092	4
AX-157967187	4	80.212	KV452829.1	5294098	4-scf00092	4
AX-157967190	4	80.212	KV452829.1	5296637	4-scf00092	4
AX-157715999	4	80.212	KV452829.1	5297374	4-scf00092	4
AX-157967192	4	80.212	KV452829.1	5297925	4-scf00092	4
AX-157967195	4	80.212	KV452829.1	5299753	4-scf00092	4
AX-158406549	4	80.212	KV452829.1	5303865	4-scf00092	4
AX-158406552	4	80.212	KV452829.1	5304420	4-scf00092	4
AX-157967196	4	80.214	KV452829.1	5302523	4-scf00092	4
AX-158406550	4	80.417	KV452829.1	5304123	4-scf00092	4
AX-157816758	4	80.417	KV452829.1	5304699	4-scf00092	4
AX-157816760	4	80.624	KV452829.1	5307324	4-scf00092	4
AX-157967211	4	80.665	KV452829.1	5319915	4-scf00092	4
AX-157967204	4	80.711	KV452829.1	5312358	4-scf00092	4
AX-157967220	4	80.711	KV452829.1	5326822	4-scf00092	4
AX-157967252	4	80.711	KV452829.1	5373523	4-scf00092	4

AX-157967221	4	80.761	KV452829.1	5327224	4-scf00092	4
AX-157967222	4	80.761	KV452829.1	5329370	4-scf00092	4
AX-157967223	4	80.761	KV452829.1	5330753	4-scf00092	4
AX-157816761	4	80.761	KV452829.1	5333970	4-scf00092	4
AX-157749664	4	80.761	KV452829.1	5335516	4-scf00092	4
AX-157967231	4	80.761	KV452829.1	5339773	4-scf00092	4
AX-157816764	4	80.761	KV452829.1	5339842	4-scf00092	4
AX-157724344	4	80.761	KV452829.1	5358292	4-scf00092	4
AX-157967249	4	80.761	KV452829.1	5371104	4-scf00092	4
AX-157967251	4	80.761	KV452829.1	5372925	4-scf00092	4
AX-157967259	4	80.761	KV452829.1	5376296	4-scf00092	4
AX-157967260	4	80.761	KV452829.1	5377185	4-scf00092	4
AX-157967264	4	80.761	KV452829.1	5378469	4-scf00092	4
AX-157967265	4	80.761	KV452829.1	5379221	4-scf00092	4
AX-157967275	4	80.761	KV452829.1	5392106	4-scf00092	4
AX-157967276	4	80.761	KV452829.1	5393278	4-scf00092	4
AX-157967395	4	80.761	KV452829.1	5516623	4-scf00092	4
AX-157967213	4	81.036	KV452829.1	5321463	4-scf00092	4
AX-157816766	4	81.036	KV452829.1	5369479	4-scf00092	4
AX-157967268	4	81.036	KV452829.1	5384430	4-scf00092	4
AX-157967269	4	81.036	KV452829.1	5385020	4-scf00092	4
AX-157967279	4	81.036	KV452829.1	5398023	4-scf00092	4
AX-158406553	4	81.036	KV452829.1	5399746	4-scf00092	4
AX-157967291	4	81.036	KV452829.1	5407294	4-scf00092	4
AX-157967298	4	81.036	KV452829.1	5413016	4-scf00092	4
AX-157967301	4	81.036	KV452829.1	5414284	4-scf00092	4
AX-157746047	4	81.443	KV452829.1	5423198	4-scf00092	4
AX-157816769	4	81.454	KV452829.1	5425295	4-scf00092	4
AX-157869622	4	81.454	KV452829.1	5426452	4-scf00092	4
AX-157967316	4	81.454	KV452829.1	5434345	4-scf00092	4
AX-157967319	4	81.454	KV452829.1	5435240	4-scf00092	4
AX-157967336	4	81.454	KV452829.1	5442807	4-scf00092	4
AX-157967322	4	81.72	KV452829.1	5436690	4-scf00092	4
AX-157967200	4	81.725	KV452829.1	5307650	4-scf00092	4
AX-157967202	4	81.725	KV452829.1	5311062	4-scf00092	4
AX-157967227	4	81.725	KV452829.1	5333701	4-scf00092	4
AX-157767006	4	81.725	KV452829.1	5334147	4-scf00092	4
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AX-157967323	4	81.725	KV452829.1	5436968	4-scf00092	4
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AX-157967326	4	81.725	KV452829.1	5437887	4-scf00092	4
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AX-157967335	4	81.725	KV452829.1	5442536	4-scf00092	4
AX-157967339	4	81.725	KV452829.1	5444943	4-scf00092	4
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AX-157967351	4	81.725	KV452829.1	5457164	4-scf00092	4
AX-157967352	4	81.725	KV452829.1	5457780	4-scf00092	4

AX-157967360	4	81.725	KV452829.1	5472159	4-scf00092	4
AX-157967362	4	81.725	KV452829.1	5473108	4-scf00092	4
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AX-157967348	4	81.859	KV452829.1	5454050	4-scf00092	4
AX-157967349	4	81.859	KV452829.1	5455996	4-scf00092	4
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AX-157967272	4	82.31	KV452829.1	5387217	4-scf00092	4
AX-157967359	4	82.31	KV452829.1	5466609	4-scf00092	4
AX-157967369	4	82.31	KV452829.1	5480983	4-scf00092	4
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AX-157706988	4	82.31	3ML01033290	223	scf08933_1	UN
AX-157688819	4	82.615	3ML01027135	1187	scf02738_1	UN
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AX-157967302	4	82.616	KV452829.1	5417635	4-scf00092	4
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AX-157967420	4	83.849	KV452829.1	5542798	4-scf00092	4
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AX-157967423	4	83.924	KV452829.1	5544753	4-scf00092	4
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AX-157967429	4	84.454	KV452829.1	5551452	4-scf00092	4
AX-157967453	4	84.454	KV452829.1	5568784	4-scf00092	4
AX-157967455	4	84.454	KV452829.1	5569594	4-scf00092	4
AX-157967432	4	84.459	KV452829.1	5553863	4-scf00092	4
AX-157967434	4	84.459	KV452829.1	5554682	4-scf00092	4

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AX-157967742	4	85.28	KV452829.1	6041350	4-scf00092	4
AX-157967743	4	85.28	KV452829.1	6043893	4-scf00092	4
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AX-157967746	4	85.28	KV452829.1	6048148	4-scf00092	4
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AX-157967792	4	85.28	KV452829.1	6132808	4-scf00092	4
AX-157967793	4	85.28	KV452829.1	6141933	4-scf00092	4
AX-157967795	4	85.28	KV452829.1	6146473	4-scf00092	4
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AX-157967834	4	85.28	KV452829.1	6202584	4-scf00092	4
AX-157967837	4	85.28	KV452829.1	6211910	4-scf00092	4

AX-157967850	4	85.28	KV452829.1	6222790	4-scf00092	4
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AX-157719996	4	87.024	KV452829.1	6419108	4-scf00092	4
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AX-157968122	4	88.016	KV452829.1	6463216	4-scf00092	4
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AX-157968306	4	90.557	KV452829.1	6698782	4-scf00092	4
AX-157968294	4	90.729	KV452829.1	6686903	4-scf00092	4
AX-157968285	4	90.789	KV452829.1	6679013	4-scf00092	4
AX-157968300	4	90.789	KV452829.1	6693311	4-scf00092	4
AX-157968302	4	90.845	KV452829.1	6696582	4-scf00092	4
AX-157854969	4	90.9	KV452829.1	6676971	4-scf00092	4
AX-157968295	4	90.9	KV452829.1	6687759	4-scf00092	4
AX-157750365	4	90.9	KV452829.1	6695860	4-scf00092	4
AX-157968309	4	90.9	KV452829.1	6702776	4-scf00092	4
AX-157968311	4	90.9	KV452829.1	6703518	4-scf00092	4
AX-157968316	4	90.9	KV452829.1	6704913	4-scf00092	4
AX-157968330	4	90.9	KV452829.1	6709490	4-scf00092	4
AX-157968332	4	90.9	KV452829.1	6709727	4-scf00092	4
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AX-157968337	4	90.9	KV452829.1	6710660	4-scf00092	4
AX-157968339	4	90.9	KV452829.1	6712252	4-scf00092	4
AX-157968340	4	90.9	KV452829.1	6715310	4-scf00092	4
AX-157968366	4	90.9	KV452829.1	6739715	4-scf00092	4
AX-157968368	4	90.9	KV452829.1	6741464	4-scf00092	4
AX-157968348	4	91.011	KV452829.1	6725306	4-scf00092	4

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AX-157968357	4	91.308	KV452829.1	6730711	4-scf00092	4
AX-157741566	4	91.308	KV452829.1	6756345	4-scf00092	4
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AX-157968370	4	91.31	KV452829.1	6743958	4-scf00092	4
AX-157968371	4	91.311	KV452829.1	6746735	4-scf00092	4
AX-157743318	4	91.311	KV452829.1	6748565	4-scf00092	4
AX-157968376	4	91.311	KV452829.1	6752954	4-scf00092	4
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AX-157968343	4	91.45	KV452829.1	6718709	4-scf00092	4
AX-157968345	4	91.45	KV452829.1	6721576	4-scf00092	4
AX-157968352	4	91.45	KV452829.1	6726911	4-scf00092	4
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AX-157968286	4	91.664	KV452829.1	6681388	4-scf00092	4
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AX-157968411	4	91.81	KV452829.1	6796709	4-scf00092	4
AX-157968310	4	92.649	KV452829.1	6703130	4-scf00092	4
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AX-157968418	4	93.18	KV452829.1	6805859	4-scf00092	4
AX-157875586	4	93.18	KV452829.1	6812542	4-scf00092	4
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AX-157968438	4	93.231	KV452829.1	6835492	4-scf00092	4
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AX-157968444	4	93.368	KV452829.1	6840095	4-scf00092	4

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AX-157968457	4	93.778	KV452829.1	6851314	4-scf00092	4
AX-157739111	4	93.778	KV452829.1	6853814	4-scf00092	4
AX-157968463	4	93.778	KV452829.1	6854949	4-scf00092	4
AX-157968466	4	93.778	KV452829.1	6858480	4-scf00092	4
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AX-157968567	4	96	KV452829.1	6958554	4-scf00092	4
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AX-157968610	4	96.966	KV452829.1	6999304	4-scf00092	4
AX-157968611	4	96.966	KV452829.1	7000824	4-scf00092	4
AX-157968612	4	96.967	KV452829.1	7002356	4-scf00092	4
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AX-157968624	4	97.263	KV452829.1	7012993	4-scf00092	4
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AX-157968636	4	97.801	KV452829.1	7031798	4-scf00092	4
AX-157968638	4	97.801	KV452829.1	7032193	4-scf00092	4
AX-157723356	4	97.801	KV452829.1	7120281	4-scf00092	4
AX-157721448	4	97.801	KV452829.1	7125408	4-scf00092	4
AX-157968640	4	97.803	KV452829.1	7038126	4-scf00092	4
AX-157968647	4	98.185	KV452829.1	7058280	4-scf00092	4
AX-157968650	4	98.188	KV452829.1	7062589	4-scf00092	4
AX-157968652	4	98.188	KV452829.1	7063295	4-scf00092	4
AX-157694752	4	98.195	KV452829.1	7064032	4-scf00092	4
AX-157968653	4	98.462	KV452829.1	7065517	4-scf00092	4
AX-157968655	4	98.465	KV452829.1	7066241	4-scf00092	4
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AX-157968657	4	98.466	KV452829.1	7070473	4-scf00092	4
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AX-157747711	4	99.011	KV452829.1	7086913	4-scf00092	4
AX-157748625	4	99.011	KV452829.1	7090605	4-scf00092	4
AX-157968671	4	99.079	KV452829.1	7094401	4-scf00092	4
AX-157732322	4	99.148	KV452829.1	7080494	4-scf00092	4
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AX-157968694	4	99.151	KV452829.1	7130019	4-scf00092	4
AX-157968690	4	99.153	KV452829.1	7128108	4-scf00092	4
AX-157770625	4	99.153	KV452829.1	7131428	4-scf00092	4
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AX-157968708	4	99.557	KV452829.1	7144093	4-scf00092	4
AX-157750476	4	99.558	KV452829.1	7145531	4-scf00092	4
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AX-157717669	4	99.602	KV452829.1	7164005	4-scf00092	4
AX-157968685	4	99.65	KV452829.1	7121732	4-scf00092	4
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AX-157816812	4	99.705	KV452829.1	7175800	4-scf00092	4
AX-157968728	4	99.862	KV452829.1	7177401	4-scf00092	4
AX-157968729	4	100.017	KV452829.1	7177838	4-scf00092	4
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AX-157740916	4	100.028	KV452829.1	7178976	4-scf00092	4
AX-157744350	4	100.028	KV452829.1	7181970	4-scf00092	4
AX-157816815	4	100.028	KV452829.1	7182527	4-scf00092	4
AX-157968733	4	100.028	KV452829.1	7183157	4-scf00092	4
AX-157756607	4	100.394	KV452829.1	7189387	4-scf00092	4
AX-157968737	4	100.396	KV452829.1	7196542	4-scf00092	4
AX-157816820	4	100.555	KV452829.1	7204062	4-scf00092	4
AX-157968746	4	100.56	KV452829.1	7204624	4-scf00092	4
AX-157774921	4	100.562	KV452829.1	7205252	4-scf00092	4
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AX-157968726	4	100.572	KV452829.1	7170881	4-scf00092	4
AX-157772643	4	100.572	KV452829.1	7191831	4-scf00092	4
AX-157816819	4	100.572	KV452829.1	7199914	4-scf00092	4
AX-157758974	4	100.572	KV452829.1	7201665	4-scf00092	4
AX-157968743	4	100.572	KV452829.1	7202354	4-scf00092	4
AX-157741447	4	100.572	KV452829.1	7208260	4-scf00092	4
AX-157816822	4	100.572	KV452829.1	7208704	4-scf00092	4
AX-157968747	4	100.572	KV452829.1	7209964	4-scf00092	4

AX-157816823	4	100.572	KV452829.1	7211548	4-scf00092	4
AX-157741318	4	100.572	KV452829.1	7216254	4-scf00092	4
AX-157816827	4	100.572	KV452829.1	7218045	4-scf00092	4
AX-157968753	4	100.572	KV452829.1	7220322	4-scf00092	4
AX-157968756	4	100.572	KV452829.1	7224800	4-scf00092	4
AX-157968750	4	100.574	KV452829.1	7218261	4-scf00092	4
AX-157816828	4	100.576	KV452829.1	7219474	4-scf00092	4
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AX-157968788	4	101.008	KV452829.1	7256418	4-scf00092	4
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AX-157968861	4	101.991	KV452829.1	7327927	4-scf00092	4

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AX-157969879	4	107.568	KV452836.1	244291	4-scf00099	4
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AX-157682799	4	107.568	KV452831.1	6326	4-scf00102	4
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AX-157682758	4	107.768	KV452840.1	192047	4-scf00101	4

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AX-157970921	5	1.745	KV453025.1	230802	13-scf00111	13
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AX-157970997	5	2.169	KV453025.1	299061	13-scf00111	13
AX-157970976	5	2.308	KV453025.1	284409	13-scf00111	13
AX-157971003	5	2.308	KV453025.1	301705	13-scf00111	13
AX-157971043	5	2.308	KV453025.1	326999	13-scf00111	13
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AX-157757613	5	78.099	KV453035.1	453528	13-scf00121	13
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AX-157853283	5	79.542	KV453039.1	598664	13-scf00569	13
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AX-157991730	5	80.483	KV453040.1	13245	13-scf00123	13
AX-157991738	5	80.483	KV453040.1	18987	13-scf00123	13

AX-157991739	5	80.483	KV453040.1	19034	13-scf00123	13
AX-157991743	5	80.483	KV453040.1	20891	13-scf00123	13
AX-157991749	5	80.483	KV453040.1	27122	13-scf00123	13
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AX-157991777	5	80.69	KV453040.1	48784	13-scf00123	13
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AX-157991829	5	80.69	KV453040.1	88991	13-scf00123	13
AX-157991833	5	80.69	KV453040.1	90293	13-scf00123	13
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AX-157991895	5	80.835	KV453040.1	161095	13-scf00123	13
AX-157991900	5	80.835	KV453040.1	166573	13-scf00123	13
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AX-157723710	5	81.826	KV453040.1	233272	13-scf00123	13
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AX-157991968	5	81.903	KV453040.1	264400	13-scf00123	13
AX-157991974	5	81.951	KV453040.1	272176	13-scf00123	13
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AX-157818686	5	82.073	KV453040.1	310991	13-scf00123	13
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AX-157992006	5	82.079	KV453040.1	311383	13-scf00123	13
AX-157992001	5	82.086	KV453040.1	298868	13-scf00123	13
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AX-157992050	5	82.111	KV453040.1	346572	13-scf00123	13
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AX-157992181	5	82.136	KV453042.1	175550	13-scf00125	13
AX-157991782	5	82.141	KV453040.1	51494	13-scf00123	13

AX-157991808	5	82.141	KV453040.1	72799	13-scf00123	13
AX-157991925	5	82.141	KV453040.1	197171	13-scf00123	13
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AX-157992070	5	82.141	KV453040.1	404704	13-scf00123	13
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AX-157818667	5	82.154	KV453040.1	106160	13-scf00123	13
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AX-157991970	5	82.154	KV453040.1	269806	13-scf00123	13
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AX-157992490	5	82.154	KV453042.1	514742	13-scf00125	13
AX-157680265	5	82.154	KV453041.1	42645	13-scf00626	13
AX-157685579	5	82.154	KV453041.1	57080	13-scf00626	13
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AX-157712956	5	82.372	KV453042.1	2256	13-scf00125	13
AX-157992094	5	82.372	KV453042.1	5982	13-scf00125	13
AX-157818715	5	82.372	KV453042.1	84253	13-scf00125	13
AX-157818719	5	82.372	KV453042.1	112918	13-scf00125	13
AX-157992205	5	82.372	KV453042.1	197644	13-scf00125	13
AX-157685581	5	82.372	KV453041.1	67374	13-scf00626	13
AX-157685582	5	82.372	KV453041.1	69201	13-scf00626	13
AX-157685583	5	82.372	KV453041.1	72457	13-scf00626	13

AX-157685584	5	82.372	KV453041.1	74022	13-scf00626	13
AX-157685585	5	82.372	KV453041.1	81336	13-scf00626	13
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AX-157992114	5	82.687	KV453042.1	28818	13-scf00125	13
AX-157755481	5	82.687	KV453042.1	30645	13-scf00125	13
AX-157992117	5	82.734	KV453042.1	31432	13-scf00125	13
AX-157818704	5	82.777	KV453042.1	35408	13-scf00125	13
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AX-157992120	5	82.843	KV453042.1	45959	13-scf00125	13
AX-157685588	5	82.843	KV453041.1	97386	13-scf00626	13
AX-158421185	5	82.843	KV453041.1	100868	13-scf00626	13
AX-157685593	5	82.843	KV453041.1	108748	13-scf00626	13
AX-157818705	5	82.902	KV453042.1	40725	13-scf00125	13
AX-157818706	5	82.903	KV453042.1	41987	13-scf00125	13
AX-157992122	5	82.903	KV453042.1	46388	13-scf00125	13
AX-157991785	5	82.913	KV453040.1	55050	13-scf00123	13
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AX-157757121	5	82.913	KV453039.1	312564	13-scf00569	13
AX-157991761	5	82.922	KV453040.1	36447	13-scf00123	13
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AX-157991806	5	82.922	KV453040.1	68372	13-scf00123	13
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AX-157992142	5	83.631	KV453042.1	97178	13-scf00125	13
AX-157992143	5	83.631	KV453042.1	97807	13-scf00125	13
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AX-157992150	5	83.631	KV453042.1	117944	13-scf00125	13
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AX-157719140	5	84.338	KV453042.1	133693	13-scf00125	13
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AX-157992170	5	84.345	KV453042.1	147829	13-scf00125	13
AX-157992172	5	84.345	KV453042.1	157261	13-scf00125	13
AX-157992177	5	84.345	KV453042.1	172809	13-scf00125	13
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AX-157992180	5	84.51	KV453042.1	175060	13-scf00125	13
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AX-157992184	5	84.661	KV453042.1	178016	13-scf00125	13
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AX-157990921	5	84.973	KV453035.1	456651	13-scf00121	13
AX-157991639	5	84.973	KV453038.1	292049	13-scf00122	13
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AX-157992186	5	84.973	KV453042.1	180010	13-scf00125	13
AX-157992193	5	84.974	KV453042.1	186160	13-scf00125	13
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AX-157757741	5	86.078	KV453042.1	213435	13-scf00125	13
AX-157992221	5	86.648	KV453042.1	223788	13-scf00125	13
AX-157992223	5	86.65	KV453042.1	224422	13-scf00125	13
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AX-157992233	5	87.324	KV453042.1	236993	13-scf00125	13
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AX-157992265	5	88.297	KV453042.1	277200	13-scf00125	13
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AX-157992297	5	89	KV453042.1	324399	13-scf00125	13
AX-157992298	5	89	KV453042.1	324957	13-scf00125	13
AX-157992299	5	89	KV453042.1	325682	13-scf00125	13
AX-157992303	5	89.068	KV453042.1	328860	13-scf00125	13
AX-157992309	5	89.141	KV453042.1	329961	13-scf00125	13
AX-157992317	5	89.284	KV453042.1	336238	13-scf00125	13
AX-157992320	5	89.379	KV453042.1	337917	13-scf00125	13
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AX-157772419	5	89.467	KV453040.1	302749	13-scf00123	13
AX-157992007	5	89.467	KV453040.1	313667	13-scf00123	13
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AX-157717175	5	89.467	KV453042.1	50443	13-scf00125	13
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AX-157992327	5	89.548	KV453042.1	341599	13-scf00125	13
AX-157992330	5	89.55	KV453042.1	342759	13-scf00125	13
AX-157992332	5	89.551	KV453042.1	343714	13-scf00125	13
AX-157992339	5	89.739	KV453042.1	350021	13-scf00125	13
AX-157992340	5	89.945	KV453042.1	350319	13-scf00125	13
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AX-157884572	5	90.218	KV453042.1	371332	13-scf00125	13
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AX-157992414	5	91.154	KV453042.1	418300	13-scf00125	13
AX-157992423	5	91.361	KV453042.1	423149	13-scf00125	13

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AX-157750239	6	0	KV452768.1	144938	3-scf00127	3
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AX-157992826	6	0	KV452768.1	158411	3-scf00127	3
AX-157992933	6	0.145	KV452768.1	11689	3-scf00127	3
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AX-157992849	6	0.145	KV452768.1	124903	3-scf00127	3

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AX-157992675	6	1.11	KV452768.1	445080	3-scf00127	3
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AX-157992659	6	1.11	KV452768.1	472641	3-scf00127	3
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AX-157993187	6	5.393	KV452775.1	87455	3-scf00133	3
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AX-157680324	6	5.722	KV452776.1	41798	3-scf00135	3
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AX-157679972	6	5.722	KV452776.1	57643	3-scf00135	3
AX-157682961	6	5.722	KV452776.1	59146	3-scf00135	3
AX-157682962	6	5.722	KV452776.1	59585	3-scf00135	3
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AX-157818775	6	6.158	KV452782.1	71328	3-scf00136	3

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AX-158378230	6	14.857	KV452782.1	771812	3-scf00136	3
AX-158378216	6	14.857	KV452782.1	786782	3-scf00136	3
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AX-157994108	6	26.431	KV452782.1	1501246	3-scf00136	3
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AX-157994134	6	26.996	KV452782.1	1518427	3-scf00136	3
AX-157994147	6	26.996	KV452782.1	1529832	3-scf00136	3
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AX-157994148	6	27.07	KV452782.1	1530200	3-scf00136	3
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AX-157994172	6	27.196	KV452782.1	1554353	3-scf00136	3
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AX-157994180	6	27.196	KV452782.1	1566205	3-scf00136	3
AX-157994184	6	27.196	KV452782.1	1573785	3-scf00136	3
AX-157994192	6	27.383	KV452782.1	1579948	3-scf00136	3
AX-157994195	6	27.385	KV452782.1	1581083	3-scf00136	3
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AX-157994223	6	27.715	KV452782.1	1601023	3-scf00136	3
AX-157994209	6	27.743	KV452782.1	1591034	3-scf00136	3
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AX-157994240	6	28.168	KV452782.1	1610836	3-scf00136	3
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AX-157995385	6	39.503	KV452782.1	2712908	3-scf00136	3
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AX-157995478	6	43.123	KV452782.1	2823996	3-scf00136	3
AX-157818854	6	43.123	KV452782.1	2825774	3-scf00136	3

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AX-157995483	6	43.13	KV452782.1	2830988	3-scf00136	3
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AX-157995494	6	43.13	KV452782.1	2841598	3-scf00136	3
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AX-157862920	6	43.558	KV452782.1	2857365	3-scf00136	3
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AX-158405623	6	44.198	KV452782.1	2887870	3-scf00136	3
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AX-158383365	6	44.223	KV452782.1	2891772	3-scf00136	3
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AX-157995546	6	44.223	KV452782.1	2922304	3-scf00136	3
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AX-157995527	6	44.349	KV452782.1	2902528	3-scf00136	3
AX-157743470	6	44.349	KV452782.1	2926675	3-scf00136	3
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AX-157727134	6	44.441	KV452782.1	2933320	3-scf00136	3
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AX-157995561	6	44.659	KV452782.1	2940953	3-scf00136	3
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AX-157709797	6	45.534	KV452782.1	2990416	3-scf00136	3
AX-157995595	6	45.534	KV452782.1	2991487	3-scf00136	3
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AX-157995915	6	47.938	KV452782.1	3285760	3-scf00136	3
AX-157995919	6	47.969	KV452782.1	3287567	3-scf00136	3
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AX-157995942	6	48.047	KV452782.1	3305342	3-scf00136	3
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AX-157995972	6	48.594	KV452782.1	3334686	3-scf00136	3
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AX-158391112	6	82.935	KV452793.1	588334	3-scf00148	3
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AX-158021306	7	14.108	KV452998.1	362277	11-scf06087	11
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AX-158021321	7	14.606	KV452998.1	378967	11-scf06087	11
AX-158021322	7	14.606	KV452998.1	379824	11-scf06087	11
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AX-158021327	7	14.606	KV452998.1	388258	11-scf06087	11
AX-157820899	7	14.87	KV452998.1	386824	11-scf06087	11
AX-158021328	7	14.87	KV452998.1	388646	11-scf06087	11
AX-158021329	7	14.87	KV452998.1	389598	11-scf06087	11
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AX-158021333	7	14.87	KV452998.1	392630	11-scf06087	11
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AX-158021355	7	15.737	KV452998.1	404797	11-scf06087	11
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AX-158021373	7	16.461	KV452998.1	428183	11-scf06087	11
AX-157773134	7	16.461	KV452998.1	461300	11-scf06087	11
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AX-158021379	7	16.622	KV452998.1	436370	11-scf06087	11
AX-158021372	7	16.669	KV452998.1	427789	11-scf06087	11
AX-158021384	7	16.669	KV452998.1	444410	11-scf06087	11
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AX-158021391	7	16.731	KV452998.1	452068	11-scf06087	11
AX-158021393	7	16.731	KV452998.1	453532	11-scf06087	11
AX-158021394	7	16.84	KV452998.1	455985	11-scf06087	11
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AX-158021377	7	16.996	KV452998.1	432307	11-scf06087	11
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AX-158021405	7	16.996	KV452998.1	466813	11-scf06087	11
AX-158021406	7	16.996	KV452998.1	470512	11-scf06087	11
AX-158021408	7	16.996	KV452998.1	472600	11-scf06087	11
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AX-158021422	7	17.446	KV452998.1	486121	11-scf06087	11
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AX-158021426	7	17.698	KV452998.1	491549	11-scf06087	11
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AX-158021430	7	17.822	KV452998.1	493772	11-scf06087	11
AX-158021431	7	17.822	KV452998.1	494466	11-scf06087	11
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AX-158021676	7	23.84	KV452998.1	753067	11-scf06087	11
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AX-157739170	7	24.059	KV452998.1	781060	11-scf06087	11
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AX-158021743	7	24.399	KV452998.1	839257	11-scf06087	11
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AX-158021740	7	24.496	KV452998.1	838159	11-scf06087	11
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AX-158021748	7	24.515	KV452998.1	844564	11-scf06087	11
AX-158021752	7	24.539	KV452998.1	849278	11-scf06087	11
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AX-157687796	7	24.554	KV453613.1	6895	scf01027	UN
AX-157719164	7	24.582	KV452998.1	852774	11-scf06087	11
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AX-157747286	7	24.714	KV452998.1	862453	11-scf06087	11
AX-157820926	7	24.714	KV452998.1	863155	11-scf06087	11
AX-158021757	7	24.714	KV452998.1	863218	11-scf06087	11

AX-158021759	7	24.714	KV452998.1	865206	11-scf06087	11
AX-157820927	7	24.714	KV452998.1	869712	11-scf06087	11
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AX-158047125	8	27.438	KV452904.1	657162	7-scf00172	7
AX-158047023	8	27.487	KV452904.1	550103	7-scf00172	7
AX-158047126	8	27.487	KV452904.1	657490	7-scf00172	7
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AX-157876588	8	27.487	KV452904.1	660564	7-scf00172	7

AX-158047131	8	27.487	KV452904.1	661755	7-scf00172	7
AX-158047137	8	27.487	KV452904.1	669750	7-scf00172	7
AX-158047253	8	27.487	KV452904.1	765072	7-scf00172	7
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AX-158049837	8	41.696	KV452904.1	3959590	7-scf00172	7
AX-157856545	8	41.696	KV452904.1	3960141	7-scf00172	7
AX-158049860	8	41.696	KV452904.1	3976405	7-scf00172	7
AX-158049689	8	41.835	KV452904.1	3805134	7-scf00172	7
AX-158049825	8	41.835	KV452904.1	3949147	7-scf00172	7

AX-158049833	8	41.835	KV452904.1	3958205	7-scf00172	7
AX-158049835	8	41.835	KV452904.1	3958907	7-scf00172	7
AX-158049838	8	41.835	KV452904.1	3961986	7-scf00172	7
AX-158049842	8	41.835	KV452904.1	3963075	7-scf00172	7
AX-158049844	8	41.835	KV452904.1	3964536	7-scf00172	7
AX-158049850	8	41.835	KV452904.1	3968180	7-scf00172	7
AX-158049853	8	41.835	KV452904.1	3970651	7-scf00172	7
AX-158049843	8	41.877	KV452904.1	3963656	7-scf00172	7
AX-158049856	8	42.02	KV452904.1	3972659	7-scf00172	7
AX-158049859	8	42.021	KV452904.1	3974014	7-scf00172	7
AX-157822630	8	42.183	KV452904.1	3982598	7-scf00172	7
AX-158049866	8	42.183	KV452904.1	3982946	7-scf00172	7
AX-157822631	8	42.183	KV452904.1	3983733	7-scf00172	7
AX-157774582	8	42.183	KV452904.1	3984836	7-scf00172	7
AX-158049871	8	42.345	KV452904.1	3996785	7-scf00172	7
AX-158049873	8	42.345	KV452904.1	4003261	7-scf00172	7
AX-158049874	8	42.35	KV452904.1	4004876	7-scf00172	7
AX-158049878	8	42.39	KV452904.1	4008542	7-scf00172	7
AX-158049809	8	42.489	KV452904.1	3926208	7-scf00172	7
AX-158049858	8	42.489	KV452904.1	3973498	7-scf00172	7
AX-157757075	8	42.489	KV452904.1	4008804	7-scf00172	7
AX-158049879	8	42.489	KV452904.1	4009703	7-scf00172	7
AX-157756599	8	42.489	KV452904.1	4015327	7-scf00172	7
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AX-158049886	8	42.737	KV452904.1	4018455	7-scf00172	7
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AX-158049933	8	43.445	KV452904.1	4071439	7-scf00172	7
AX-158049936	8	43.445	KV452904.1	4073121	7-scf00172	7
AX-158049937	8	43.445	KV452904.1	4073734	7-scf00172	7
AX-158049940	8	43.445	KV452904.1	4074256	7-scf00172	7
AX-158049942	8	43.445	KV452904.1	4075013	7-scf00172	7
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AX-157714022	8	43.445	KV452904.1	4082691	7-scf00172	7

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AX-158049876	8	43.909	KV452904.1	4005517	7-scf00172	7
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AX-158050046	8	44.98	KV452904.1	4197562	7-scf00172	7
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AX-158050174	8	46.343	KV452904.1	4320950	7-scf00172	7
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AX-157822695	8	46.343	KV452904.1	4811216	7-scf00172	7
AX-157822698	8	46.343	KV452904.1	4872072	7-scf00172	7
AX-158050612	8	46.343	KV452904.1	4940488	7-scf00172	7
AX-157870595	8	46.343	KV452904.1	4954529	7-scf00172	7
AX-158050682	8	46.343	KV452904.1	5040174	7-scf00172	7
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AX-158050130	8	46.617	KV452904.1	4283146	7-scf00172	7
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AX-158050133	8	46.666	KV452904.1	4284325	7-scf00172	7
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AX-158050170	8	46.726	KV452904.1	4314192	7-scf00172	7
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AX-158050273	8	46.835	KV452904.1	4444294	7-scf00172	7
AX-158050274	8	46.835	KV452904.1	4444999	7-scf00172	7
AX-158050275	8	46.835	KV452904.1	4445810	7-scf00172	7
AX-158050278	8	46.835	KV452904.1	4447497	7-scf00172	7
AX-158050279	8	46.835	KV452904.1	4450374	7-scf00172	7
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AX-157716157	8	46.835	KV452904.1	4458359	7-scf00172	7
AX-158050290	8	46.835	KV452904.1	4463066	7-scf00172	7
AX-157725181	8	46.835	KV452904.1	4463180	7-scf00172	7
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AX-158050302	8	46.835	KV452904.1	4475196	7-scf00172	7
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AX-157740061	8	46.944	KV452904.1	4318604	7-scf00172	7
AX-158050176	8	46.944	KV452904.1	4324224	7-scf00172	7
AX-157822664	8	46.944	KV452904.1	4333307	7-scf00172	7
AX-157822665	8	46.944	KV452904.1	4339069	7-scf00172	7
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AX-158050187	8	46.944	KV452904.1	4339896	7-scf00172	7
AX-158050193	8	46.944	KV452904.1	4352992	7-scf00172	7
AX-158050197	8	46.944	KV452904.1	4356835	7-scf00172	7
AX-158050198	8	46.944	KV452904.1	4357960	7-scf00172	7
AX-158050201	8	46.944	KV452904.1	4369414	7-scf00172	7
AX-158050204	8	46.944	KV452904.1	4371296	7-scf00172	7
AX-158050207	8	46.944	KV452904.1	4373275	7-scf00172	7
AX-158050208	8	46.944	KV452904.1	4373785	7-scf00172	7
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AX-157724872	8	46.944	KV452904.1	4510387	7-scf00172	7
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AX-158050322	8	46.944	KV452904.1	4532478	7-scf00172	7
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AX-158052320	8	52.7	KV452904.1	7362825	7-scf00172	7
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AX-157742302	8	52.703	KV452904.1	7213930	7-scf00172	7
AX-158052229	8	52.703	KV452904.1	7250348	7-scf00172	7
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AX-157727340	8	52.703	KV452904.1	7434422	7-scf00172	7
AX-158052406	8	52.703	KV452904.1	7474565	7-scf00172	7
AX-158052408	8	52.703	KV452904.1	7476847	7-scf00172	7
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AX-158053046	8	52.703	KV452904.1	8232923	7-scf00172	7
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AX-157822858	8	52.712	KV452904.1	7372678	7-scf00172	7
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AX-158052508	8	52.718	KV452904.1	7575300	7-scf00172	7

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AX-157856627	8	52.719	KV452904.1	7453618	7-scf00172	7
AX-158052608	8	52.719	KV452904.1	7679837	7-scf00172	7
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AX-157822859	8	52.721	KV452904.1	7382434	7-scf00172	7
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AX-158052232	8	52.737	KV452904.1	7253238	7-scf00172	7
AX-157786555	8	52.737	KV452904.1	7453792	7-scf00172	7
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AX-158061033	8	74.867	KV452918.1	519928	7-scf00181	7
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AX-158061492	8	79.805	KV452918.1	968369	7-scf00181	7
AX-158061503	8	79.805	KV452918.1	980436	7-scf00181	7

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AX-158061496	8	79.863	KV452918.1	972290	7-scf00181	7
AX-158061497	8	79.863	KV452918.1	974163	7-scf00181	7
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AX-158062621	8	90.83	KV452922.1	233911	7-scf00185	7
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AX-158062638	8	91.047	KV452922.1	249842	7-scf00185	7
AX-158062639	8	91.047	KV452922.1	250204	7-scf00185	7
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AX-158062687	8	92.032	KV452922.1	292006	7-scf00185	7
AX-158062689	8	92.032	KV452922.1	295316	7-scf00185	7
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AX-158062692	8	92.032	KV452922.1	298659	7-scf00185	7
AX-158062693	8	92.032	KV452922.1	299538	7-scf00185	7
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AX-158066269	9	2.842	KV452943.1	514748	8-scf00198	8
AX-158066271	9	2.842	KV452943.1	517086	8-scf00198	8
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AX-158066273	9	3.06	KV452943.1	526139	8-scf00198	8
AX-157774929	9	3.06	KV452943.1	529677	8-scf00198	8
AX-157723222	9	3.351	KV452943.1	530421	8-scf00198	8
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AX-158066289	9	3.497	KV452943.1	540317	8-scf00198	8
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AX-158066296	9	3.497	KV452943.1	544960	8-scf00198	8
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AX-158066666	9	8.96	KV452943.1	951711	8-scf00198	8
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AX-158066669	9	8.99	KV452943.1	954695	8-scf00198	8
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AX-158066685	9	9.148	KV452943.1	972815	8-scf00198	8

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AX-158066690	9	9.179	KV452943.1	975129	8-scf00198	8
AX-158066693	9	9.179	KV452943.1	976537	8-scf00198	8
AX-158066697	9	9.179	KV452943.1	978439	8-scf00198	8
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AX-158067132	9	16.612	KV452943.1	1496721	8-scf00198	8
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AX-158067255	9	17.049	KV452943.1	1642089	8-scf00198	8

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AX-157823921	9	21.205	KV452943.1	1851871	8-scf00198	8
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AX-158068976	9	42.945	KV452943.1	3316859	8-scf00198	8
AX-158069024	9	42.945	KV452943.1	3346675	8-scf00198	8
AX-158069096	9	42.945	KV452943.1	3423353	8-scf00198	8
AX-158068982	9	43.129	KV452943.1	3322256	8-scf00198	8
AX-158068986	9	43.129	KV452943.1	3324334	8-scf00198	8
AX-157749385	9	43.129	KV452943.1	3324752	8-scf00198	8
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AX-158068992	9	43.129	KV452943.1	3328086	8-scf00198	8

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AX-157727636	9	43.129	KV452943.1	3392090	8-scf00198	8
AX-158069078	9	43.129	KV452943.1	3401866	8-scf00198	8
AX-158069097	9	43.129	KV452943.1	3423850	8-scf00198	8
AX-158069124	9	43.129	KV452943.1	3447085	8-scf00198	8
AX-158069139	9	43.129	KV452943.1	3456483	8-scf00198	8
AX-158069005	9	43.13	KV452943.1	3336984	8-scf00198	8
AX-158069026	9	43.13	KV452943.1	3347962	8-scf00198	8
AX-158069010	9	43.131	KV452943.1	3339498	8-scf00198	8
AX-158069063	9	43.131	KV452943.1	3381138	8-scf00198	8
AX-158069013	9	43.132	KV452943.1	3340630	8-scf00198	8
AX-158069015	9	43.132	KV452943.1	3341015	8-scf00198	8
AX-158069017	9	43.132	KV452943.1	3341933	8-scf00198	8
AX-158069027	9	43.132	KV452943.1	3348410	8-scf00198	8
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AX-158069037	9	43.136	KV452943.1	3357973	8-scf00198	8
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AX-158069074	9	43.588	KV452943.1	3394302	8-scf00198	8
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AX-157723739	9	43.741	KV452943.1	3411759	8-scf00198	8
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AX-158391942	9	43.741	KV452943.1	3413623	8-scf00198	8
AX-158069092	9	43.741	KV452943.1	3421430	8-scf00198	8
AX-158069095	9	43.743	KV452943.1	3422400	8-scf00198	8
AX-158069163	9	44.507	KV452943.1	3476834	8-scf00198	8
AX-158069164	9	44.543	KV452943.1	3477761	8-scf00198	8
AX-158069165	9	44.569	KV452943.1	3478240	8-scf00198	8
AX-158080253	9	44.569	KV452943.1	4098322	8-scf00198	8
AX-158070939	9	44.569	KV452945.1	2806100	8-scf00200	8

AX-158071515	9	44.569	KV452945.1	3836434	8-scf00200	8
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AX-158069173	9	44.616	KV452943.1	3485607	8-scf00198	8
AX-157742723	9	44.616	KV452943.1	3488090	8-scf00198	8
AX-158069183	9	44.616	KV452943.1	3497842	8-scf00198	8
AX-158069230	9	44.616	KV452943.1	3539834	8-scf00198	8
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AX-157775149	9	44.66	KV452943.1	3496719	8-scf00198	8
AX-158069182	9	44.66	KV452943.1	3497218	8-scf00198	8
AX-158069185	9	44.66	KV452943.1	3498978	8-scf00198	8
AX-158069188	9	44.66	KV452943.1	3500891	8-scf00198	8
AX-158069192	9	44.66	KV452943.1	3506571	8-scf00198	8
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AX-158069235	9	45.274	KV452943.1	3546663	8-scf00198	8
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AX-158069239	9	45.274	KV452943.1	3549409	8-scf00198	8
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AX-157824350	9	50.82	KV452945.1	5736955	8-scf00200	8
AX-157787958	9	50.82	KV452945.1	5738014	8-scf00200	8
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AX-158409529	9	51.092	KV452945.1	5593030	8-scf00200	8
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AX-157824338	9	51.092	KV452945.1	5593543	8-scf00200	8
AX-158077819	9	51.092	KV452945.1	11706873	8-scf00200	8
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AX-157771449	9	53.447	KV452945.1	8221115	8-scf00200	8
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AX-158075732	9	55.635	KV452945.1	9535150	8-scf00200	8
AX-158075741	9	55.635	KV452945.1	9542476	8-scf00200	8
AX-158075744	9	55.635	KV452945.1	9543422	8-scf00200	8

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AX-158075759	9	55.635	KV452945.1	9554363	8-scf00200	8
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AX-158075761	9	55.635	KV452945.1	9558962	8-scf00200	8
AX-158075763	9	55.635	KV452945.1	9559690	8-scf00200	8
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AX-157824587	9	55.635	KV452945.1	9592692	8-scf00200	8
AX-157824588	9	55.635	KV452945.1	9593036	8-scf00200	8
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AX-157824589	9	55.635	KV452945.1	9597044	8-scf00200	8
AX-158075780	9	55.635	KV452945.1	9597594	8-scf00200	8
AX-158075786	9	55.635	KV452945.1	9605200	8-scf00200	8
AX-157824590	9	55.635	KV452945.1	9610405	8-scf00200	8
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AX-157824659	9	56.89	KV452945.1	10463208	8-scf00200	8

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AX-157746925	9	56.947	KV452945.1	10697261	8-scf00200	8
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AX-158077058	9	56.947	KV452945.1	10971680	8-scf00200	8
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AX-158077071	9	56.947	KV452945.1	10990601	8-scf00200	8
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AX-158077383	9	57.278	KV452945.1	11311193	8-scf00200	8
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AX-158081054	9	65.142	KV452946.1	107866	8-scf00202	8
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AX-158081082	9	65.142	KV452946.1	134800	8-scf00202	8
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AX-158082819	9	65.469	KV452947.1	2014440	8-scf00203	8
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AX-158083160	9	65.469	KV452947.1	2599619	8-scf00203	8
AX-158083194	9	65.469	KV452947.1	2653296	8-scf00203	8
AX-158083195	9	65.469	KV452947.1	2655700	8-scf00203	8
AX-157739927	9	65.469	KV452947.1	2803084	8-scf00203	8
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AX-158081576	9	65.538	KV452947.1	64822	8-scf00203	8
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AX-158081568	9	65.546	KV452947.1	58213	8-scf00203	8
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AX-158081649	9	65.715	KV452947.1	125351	8-scf00203	8
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AX-158081624	9	65.797	KV452947.1	113126	8-scf00203	8
AX-158081626	9	65.797	KV452947.1	113726	8-scf00203	8
AX-158081662	9	65.797	KV452947.1	133315	8-scf00203	8
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AX-158083086	9	67.876	KV452947.1	2463087	8-scf00203	8
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AX-158083216	9	68.204	KV452947.1	2690354	8-scf00203	8
AX-158083225	9	68.255	KV452947.1	2703444	8-scf00203	8
AX-158082951	9	68.37	KV452947.1	2267669	8-scf00203	8
AX-158083229	9	68.37	KV452947.1	2717112	8-scf00203	8

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AX-158083262	9	68.477	KV452947.1	2773905	8-scf00203	8
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AX-158083270	9	68.532	KV452947.1	2785835	8-scf00203	8
AX-158083276	9	68.532	KV452947.1	2794356	8-scf00203	8
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AX-158083099	9	68.778	KV452947.1	2484178	8-scf00203	8
AX-158083288	9	68.778	KV452947.1	2808701	8-scf00203	8
AX-158083299	9	68.778	KV452947.1	2822138	8-scf00203	8
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AX-158083379	9	69.297	KV452947.1	2931266	8-scf00203	8
AX-158083362	9	69.358	KV452947.1	2907450	8-scf00203	8
AX-157715572	9	69.405	KV452947.1	2907860	8-scf00203	8
AX-158083364	9	69.443	KV452947.1	2909221	8-scf00203	8
AX-158083369	9	69.443	KV452947.1	2917982	8-scf00203	8
AX-158083331	9	69.492	KV452947.1	2865556	8-scf00203	8
AX-158083371	9	69.492	KV452947.1	2919014	8-scf00203	8
AX-158083380	9	69.492	KV452947.1	2938156	8-scf00203	8
AX-158392081	9	69.634	KV452947.1	2930096	8-scf00203	8
AX-158083373	9	69.734	KV452947.1	2924502	8-scf00203	8
AX-158083375	9	69.734	KV452947.1	2927141	8-scf00203	8
AX-158083383	9	69.734	KV452947.1	2943896	8-scf00203	8
AX-158083384	9	69.734	KV452947.1	2944251	8-scf00203	8
AX-158083385	9	69.734	KV452947.1	2945624	8-scf00203	8
AX-158083389	9	69.734	KV452947.1	2949201	8-scf00203	8
AX-158083390	9	69.734	KV452947.1	2949818	8-scf00203	8
AX-158083391	9	69.734	KV452947.1	2950634	8-scf00203	8
AX-158083392	9	69.734	KV452947.1	2951722	8-scf00203	8
AX-158083394	9	69.734	KV452947.1	2953223	8-scf00203	8
AX-158083397	9	69.734	KV452947.1	2961466	8-scf00203	8
AX-158083400	9	69.734	KV452947.1	2963998	8-scf00203	8

AX-158083402	9	69.734	KV452947.1	2965730	8-scf00203	8
AX-158083403	9	69.734	KV452947.1	2966441	8-scf00203	8
AX-158083489	9	69.734	KV452947.1	3088700	8-scf00203	8
AX-157723627	9	69.843	KV452947.1	2908312	8-scf00203	8
AX-158083406	9	69.843	KV452947.1	2967900	8-scf00203	8
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AX-158083414	9	69.843	KV452947.1	2975306	8-scf00203	8
AX-158083415	9	69.843	KV452947.1	2975748	8-scf00203	8
AX-158083416	9	69.843	KV452947.1	2976976	8-scf00203	8
AX-158083418	9	69.843	KV452947.1	2981023	8-scf00203	8
AX-158083419	9	69.843	KV452947.1	2981726	8-scf00203	8
AX-158083420	9	69.843	KV452947.1	2982263	8-scf00203	8
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AX-158083427	9	69.843	KV452947.1	2992510	8-scf00203	8
AX-158083428	9	69.843	KV452947.1	2993026	8-scf00203	8
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AX-158083430	9	69.843	KV452947.1	2995894	8-scf00203	8
AX-158083444	9	69.843	KV452947.1	3018319	8-scf00203	8
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AX-158083577	9	69.843	KV452947.1	3230839	8-scf00203	8
AX-158083613	9	69.843	KV452947.1	3289472	8-scf00203	8
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AX-158083435	9	69.953	KV452947.1	3002377	8-scf00203	8
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AX-158083477	9	70.062	KV452947.1	3067668	8-scf00203	8
AX-158083478	9	70.062	KV452947.1	3069936	8-scf00203	8

AX-158083479	9	70.062	KV452947.1	3071069	8-scf00203	8
AX-158083482	9	70.062	KV452947.1	3073351	8-scf00203	8
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AX-158083497	9	70.062	KV452947.1	3104376	8-scf00203	8
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AX-158083605	9	70.062	KV452947.1	3279789	8-scf00203	8
AX-158083619	9	70.062	KV452947.1	3300066	8-scf00203	8
AX-158083653	9	70.062	KV452947.1	3362381	8-scf00203	8
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AX-158384426	9	70.079	KV452947.1	3075897	8-scf00203	8
AX-158083487	9	70.079	KV452947.1	3081075	8-scf00203	8
AX-158083530	9	70.079	KV452947.1	3155978	8-scf00203	8
AX-158083540	9	70.079	KV452947.1	3168936	8-scf00203	8
AX-158083585	9	70.079	KV452947.1	3243066	8-scf00203	8
AX-158083538	9	70.091	KV452947.1	3168087	8-scf00203	8

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AX-158083643	9	70.155	KV452947.1	3338357	8-scf00203	8
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AX-158083624	9	70.28	KV452947.1	3304822	8-scf00203	8
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AX-158083655	9	70.28	KV452947.1	3365604	8-scf00203	8
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AX-158083459	9	70.427	KV452947.1	3042901	8-scf00203	8
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AX-158083523	9	70.427	KV452947.1	3144129	8-scf00203	8
AX-158083529	9	70.427	KV452947.1	3154464	8-scf00203	8
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AX-158083718	9	70.427	KV452947.1	3447302	8-scf00203	8
AX-158083738	9	70.427	KV452947.1	3498228	8-scf00203	8
AX-158083669	9	70.468	KV452947.1	3386605	8-scf00203	8
AX-158083692	9	70.468	KV452947.1	3413016	8-scf00203	8
AX-158083704	9	70.468	KV452947.1	3427116	8-scf00203	8

AX-158083720	9	70.468	KV452947.1	3452439	8-scf00203	8
AX-158083722	9	70.501	KV452947.1	3454461	8-scf00203	8
AX-158083723	9	70.513	KV452947.1	3455222	8-scf00203	8
AX-158083726	9	70.523	KV452947.1	3460731	8-scf00203	8
AX-158083729	9	70.597	KV452947.1	3463778	8-scf00203	8
AX-158083730	9	70.612	KV452947.1	3464045	8-scf00203	8
AX-158083731	9	70.612	KV452947.1	3465497	8-scf00203	8
AX-158083732	9	70.612	KV452947.1	3491920	8-scf00203	8
AX-158083733	9	70.683	KV452947.1	3492385	8-scf00203	8
AX-158083395	9	70.717	KV452947.1	2954853	8-scf00203	8
AX-158083734	9	70.717	KV452947.1	3492679	8-scf00203	8
AX-158083739	9	70.717	KV452947.1	3499181	8-scf00203	8
AX-158083740	9	70.717	KV452947.1	3499603	8-scf00203	8
AX-158392085	9	70.827	KV452947.1	3501961	8-scf00203	8
AX-158083743	9	70.827	KV452947.1	3502153	8-scf00203	8
AX-158416688	9	70.827	KV452947.1	3505008	8-scf00203	8
AX-157708474	9	70.827	KV452947.1	3510531	8-scf00203	8
AX-157825116	9	70.827	KV452947.1	3512585	8-scf00203	8
AX-158083748	9	70.995	KV452947.1	3515308	8-scf00203	8
AX-157721629	9	71.045	KV452947.1	3514695	8-scf00203	8
AX-158083752	9	71.045	KV452947.1	3519971	8-scf00203	8
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AX-158083768	9	71.264	KV452947.1	3542363	8-scf00203	8
AX-158083769	9	71.264	KV452947.1	3542669	8-scf00203	8
AX-158083770	9	71.264	KV452947.1	3544118	8-scf00203	8
AX-158083771	9	71.264	KV452947.1	3544976	8-scf00203	8
AX-158083774	9	71.264	KV452947.1	3547295	8-scf00203	8
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AX-158083792	9	71.264	KV452947.1	3564529	8-scf00203	8
AX-158083793	9	71.264	KV452947.1	3564913	8-scf00203	8
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AX-158083800	9	71.373	KV452947.1	3583787	8-scf00203	8
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AX-158083832	9	71.771	KV452947.1	3634639	8-scf00203	8
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AX-158083867	9	72.137	KV452947.1	3687853	8-scf00203	8
AX-158083868	9	72.137	KV452947.1	3689316	8-scf00203	8

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AX-158084111	9	75.525	KV452947.1	3981057	8-scf00203	8
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AX-158084114	9	75.525	KV452947.1	3987439	8-scf00203	8
AX-158084115	9	75.525	KV452947.1	3992866	8-scf00203	8
AX-158084119	9	75.525	KV452947.1	3999902	8-scf00203	8
AX-158084127	9	75.525	KV452947.1	4010505	8-scf00203	8
AX-158084116	9	75.527	KV452947.1	3993185	8-scf00203	8
AX-158084120	9	75.718	KV452947.1	4000785	8-scf00203	8
AX-158084122	9	75.958	KV452947.1	4003688	8-scf00203	8
AX-158084124	9	75.96	KV452947.1	4005251	8-scf00203	8
AX-158084125	9	75.961	KV452947.1	4005782	8-scf00203	8
AX-158084123	9	75.963	KV452947.1	4004022	8-scf00203	8
AX-158084129	9	75.963	KV452947.1	4013990	8-scf00203	8
AX-158084131	9	75.963	KV452947.1	4015836	8-scf00203	8
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AX-157724160	9	76.727	KV452947.1	4056673	8-scf00203	8
AX-158084160	9	76.727	KV452947.1	4057733	8-scf00203	8
AX-158084162	9	76.925	KV452947.1	4059270	8-scf00203	8
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AX-158084166	9	76.97	KV452947.1	4065045	8-scf00203	8
AX-157738769	9	77.009	KV452947.1	4065689	8-scf00203	8
AX-158084167	9	77.047	KV452947.1	4066741	8-scf00203	8
AX-158084170	9	77.141	KV452947.1	4068299	8-scf00203	8
AX-158084172	9	77.166	KV452947.1	4071398	8-scf00203	8
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AX-158084194	9	77.383	KV452947.1	4103943	8-scf00203	8
AX-158084196	9	77.664	KV452947.1	4106823	8-scf00203	8
AX-158084197	9	77.664	KV452947.1	4107408	8-scf00203	8
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AX-158084204	9	77.664	KV452947.1	4119573	8-scf00203	8
AX-158084209	9	77.664	KV452947.1	4126722	8-scf00203	8
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AX-158084413	9	77.664	KV452947.1	4398747	8-scf00203	8
AX-158084214	9	77.805	KV452947.1	4131010	8-scf00203	8
AX-158084217	9	77.807	KV452947.1	4133104	8-scf00203	8
AX-158084218	9	77.807	KV452947.1	4137968	8-scf00203	8
AX-157725764	9	77.89	KV452947.1	4139287	8-scf00203	8
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AX-158084202	9	78.171	KV452947.1	4115998	8-scf00203	8
AX-158084208	9	78.171	KV452947.1	4125532	8-scf00203	8
AX-158084231	9	78.171	KV452947.1	4155048	8-scf00203	8
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AX-158084238	9	78.171	KV452947.1	4166475	8-scf00203	8
AX-158084237	9	78.228	KV452947.1	4165241	8-scf00203	8
AX-158084239	9	78.228	KV452947.1	4166990	8-scf00203	8
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AX-158084242	9	78.228	KV452947.1	4168491	8-scf00203	8
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AX-158084280	9	78.369	KV452947.1	4222116	8-scf00203	8
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AX-158084259	9	78.438	KV452947.1	4190248	8-scf00203	8
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AX-158084261	9	78.51	KV452947.1	4196987	8-scf00203	8
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AX-158084268	9	78.793	KV452947.1	4208948	8-scf00203	8
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AX-157757907	9	78.793	KV452947.1	4250076	8-scf00203	8
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AX-158084314	9	78.793	KV452947.1	4267056	8-scf00203	8
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AX-158084358	9	79.262	KV452947.1	4321882	8-scf00203	8

AX-158084361	9	79.296	KV452947.1	4324990	8-scf00203	8
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AX-158084318	9	79.327	KV452947.1	4277847	8-scf00203	8
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AX-157857180	9	79.327	KV452947.1	4295425	8-scf00203	8
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AX-157717289	9	79.327	KV452947.1	4348447	8-scf00203	8
AX-158084379	9	79.327	KV452947.1	4349168	8-scf00203	8
AX-158084415	9	79.327	KV452947.1	4403462	8-scf00203	8
AX-158084417	9	79.327	KV452947.1	4405734	8-scf00203	8
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AX-158084430	9	79.781	KV452947.1	4420312	8-scf00203	8
AX-158084438	9	79.781	KV452947.1	4427589	8-scf00203	8
AX-158084441	9	79.781	KV452947.1	4430505	8-scf00203	8
AX-158084442	9	79.781	KV452947.1	4431064	8-scf00203	8
AX-158084445	9	79.781	KV452947.1	4436368	8-scf00203	8
AX-158084451	9	79.859	KV452947.1	4447452	8-scf00203	8
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AX-158379932	9	79.859	KV452947.1	4454793	8-scf00203	8
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AX-158084453	9	79.922	KV452947.1	4448408	8-scf00203	8
AX-158084454	9	79.922	KV452947.1	4449098	8-scf00203	8
AX-158084455	9	79.922	KV452947.1	4449660	8-scf00203	8
AX-158084457	9	79.922	KV452947.1	4450777	8-scf00203	8
AX-158084459	9	79.922	KV452947.1	4453266	8-scf00203	8

AX-158084505	9	79.922	KV452947.1	4505431	8-scf00203	8
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AX-158084479	9	79.966	KV452947.1	4480583	8-scf00203	8
AX-158084481	9	79.966	KV452947.1	4482375	8-scf00203	8
AX-158084500	9	79.966	KV452947.1	4497557	8-scf00203	8
AX-158084517	9	79.966	KV452947.1	4520281	8-scf00203	8
AX-158084525	9	79.966	KV452947.1	4527074	8-scf00203	8
AX-158084482	9	80.005	KV452947.1	4482571	8-scf00203	8
AX-158084486	9	80.016	KV452947.1	4485455	8-scf00203	8
AX-158084493	9	80.063	KV452947.1	4491973	8-scf00203	8
AX-158084494	9	80.063	KV452947.1	4492340	8-scf00203	8
AX-158084497	9	80.063	KV452947.1	4495945	8-scf00203	8
AX-158084507	9	80.063	KV452947.1	4507682	8-scf00203	8
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AX-158084350	9	80.204	KV452947.1	4315777	8-scf00203	8
AX-158084396	9	80.204	KV452947.1	4386075	8-scf00203	8
AX-158084498	9	80.204	KV452947.1	4495991	8-scf00203	8
AX-158084501	9	80.204	KV452947.1	4499853	8-scf00203	8
AX-158084518	9	80.204	KV452947.1	4522764	8-scf00203	8
AX-158084519	9	80.204	KV452947.1	4523521	8-scf00203	8
AX-158084522	9	80.204	KV452947.1	4525110	8-scf00203	8
AX-158084529	9	80.242	KV452947.1	4532530	8-scf00203	8
AX-158084276	9	80.28	KV452947.1	4216295	8-scf00203	8
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AX-158085200	9	83.957	KV452948.1	71375	8-scf00204	8
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AX-158085397	9	83.957	KV452948.1	356872	8-scf00204	8
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AX-158085356	9	85.443	KV452948.1	304344	8-scf00204	8
AX-158085358	9	85.443	KV452948.1	305332	8-scf00204	8
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AX-158085518	9	88.495	KV452948.1	524028	8-scf00204	8
AX-158085524	9	88.495	KV452948.1	539366	8-scf00204	8

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AX-158085521	9	89.469	KV452948.1	532281	8-scf00204	8
AX-158085574	9	89.469	KV452948.1	613960	8-scf00204	8
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AX-158085548	9	89.531	KV452948.1	577734	8-scf00204	8
AX-157857194	9	89.531	KV452948.1	616529	8-scf00204	8
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AX-158085579	9	89.531	KV452948.1	618880	8-scf00204	8
AX-158085584	9	89.531	KV452948.1	625361	8-scf00204	8
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AX-158085600	9	89.75	KV452948.1	640997	8-scf00204	8
AX-158085603	9	89.75	KV452948.1	642712	8-scf00204	8
AX-158085606	9	90.137	KV452948.1	649770	8-scf00204	8
AX-158085591	9	90.139	KV452948.1	630799	8-scf00204	8
AX-158085593	9	90.139	KV452948.1	631845	8-scf00204	8
AX-158085607	9	90.139	KV452948.1	650460	8-scf00204	8
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AX-157865772	9	119.621	KV452951.1	111395	8-scf00207	8
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AX-157742974	9	119.73	KV452951.1	53179	8-scf00207	8

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AX-158087386	9	120.773	KV452959.1	136771	8-scf00214	8
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AX-158087396	9	120.773	KV452959.1	144905	8-scf00214	8

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AX-158087329	9	121.82	KV452959.1	74914	8-scf00214	8
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AX-157683270	9	121.82	KV452958.1	15912	8-scf00215	8
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AX-158087463	10	0	KV453271.1	18508	26-scf00217	26
AX-158087465	10	0	KV453271.1	19384	26-scf00217	26
AX-158087471	10	0	KV453271.1	28008	26-scf00217	26
AX-158087594	10	0	KV453272.1	296	26-scf00218	26
AX-158087637	10	0	KV453272.1	58379	26-scf00218	26
AX-158087470	10	0.126	KV453271.1	27791	26-scf00217	26
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AX-158087511	10	0.551	KV453271.1	93579	26-scf00217	26
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AX-158087551	10	0.835	KV453271.1	135442	26-scf00217	26
AX-158087553	10	0.835	KV453271.1	137109	26-scf00217	26
AX-158087557	10	0.835	KV453271.1	143417	26-scf00217	26
AX-158087556	10	0.836	KV453271.1	141129	26-scf00217	26
AX-158087561	10	1.116	KV453271.1	150661	26-scf00217	26
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AX-158087572	10	1.117	KV453271.1	162449	26-scf00217	26
AX-157743321	10	1.117	KV453271.1	163647	26-scf00217	26
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AX-158098248	10	76.451	KV453292.1	822621	26-scf00233	26
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AX-157738435	10	77.531	KV453292.1	783100	26-scf00233	26
AX-158098214	10	77.531	KV453292.1	787296	26-scf00233	26
AX-158098216	10	77.531	KV453292.1	789773	26-scf00233	26
AX-158098217	10	77.531	KV453292.1	790247	26-scf00233	26
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AX-158098238	10	77.531	KV453292.1	808762	26-scf00233	26
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AX-158098860	10	78.844	KV453293.1	7178	26-scf00237	26
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AX-157826476	10	78.844	KV453293.1	15931	26-scf00237	26
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AX-158098877	10	78.844	KV453293.1	56373	26-scf00237	26
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AX-157771548	10	80.373	KV453292.1	531886	26-scf00233	26
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AX-158099181	11	0.328	KV452844.1	516676	5-scf00239	5
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AX-158099423	11	0.437	KV452846.1	16313	5-scf00242	5
AX-158099426	11	0.437	KV452846.1	17626	5-scf00242	5
AX-158424062	11	0.437	KV452841.1	9781	5-scf00834	5
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AX-158100600	11	28.579	KV452852.1	1408605	5-scf00246	5
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AX-158111085	11	78.225	KV452863.1	11378051	5-scf00249	5
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AX-158114138	11	124.284	KV452865.1	143616	5-scf00254	5
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AX-158114526	11	132.482	KV452870.1	109793	5-scf00260	5
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AX-158115199	12	0.115	KV453008.1	133776	12-scf00272	12
AX-158115201	12	0.115	KV453008.1	134191	12-scf00272	12
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AX-158115208	12	0.141	KV453008.1	140243	12-scf00272	12
AX-158115333	12	0.141	KV453008.1	399100	12-scf00272	12
AX-158115337	12	0.141	KV453008.1	410193	12-scf00272	12
AX-157828343	12	0.141	KV453008.1	421006	12-scf00272	12
AX-158115486	12	0.141	KV453008.1	666127	12-scf00272	12
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AX-158115209	12	0.166	KV453008.1	142479	12-scf00272	12
AX-158115212	12	0.166	KV453008.1	144579	12-scf00272	12
AX-157758537	12	0.166	KV453008.1	147704	12-scf00272	12

AX-158115217	12	0.166	KV453008.1	154855	12-scf00272	12
AX-158115219	12	0.166	KV453008.1	158713	12-scf00272	12
AX-158115222	12	0.166	KV453008.1	161978	12-scf00272	12
AX-158115223	12	0.166	KV453008.1	164880	12-scf00272	12
AX-158115230	12	0.166	KV453008.1	175781	12-scf00272	12
AX-157828329	12	0.166	KV453008.1	236762	12-scf00272	12
AX-157828334	12	0.166	KV453008.1	276977	12-scf00272	12
AX-158115271	12	0.166	KV453008.1	285351	12-scf00272	12
AX-158115272	12	0.166	KV453008.1	289340	12-scf00272	12
AX-158115275	12	0.166	KV453008.1	296333	12-scf00272	12
AX-158115276	12	0.166	KV453008.1	299630	12-scf00272	12
AX-157693821	12	0.166	KV453008.1	303056	12-scf00272	12
AX-158115280	12	0.166	KV453008.1	303867	12-scf00272	12
AX-157720852	12	0.166	KV453008.1	303986	12-scf00272	12
AX-157709358	12	0.166	KV453008.1	309281	12-scf00272	12
AX-158115283	12	0.166	KV453008.1	310255	12-scf00272	12
AX-158115284	12	0.166	KV453008.1	310743	12-scf00272	12
AX-158115286	12	0.166	KV453008.1	315171	12-scf00272	12
AX-158115287	12	0.166	KV453008.1	315860	12-scf00272	12
AX-157694012	12	0.166	KV453008.1	316801	12-scf00272	12
AX-158115293	12	0.166	KV453008.1	324957	12-scf00272	12
AX-158115295	12	0.166	KV453008.1	328292	12-scf00272	12
AX-158115296	12	0.166	KV453008.1	328969	12-scf00272	12
AX-157828338	12	0.166	KV453008.1	332894	12-scf00272	12
AX-157741642	12	0.166	KV453008.1	379439	12-scf00272	12
AX-158115320	12	0.166	KV453008.1	380497	12-scf00272	12
AX-158115326	12	0.166	KV453008.1	389112	12-scf00272	12
AX-158115351	12	0.166	KV453008.1	431478	12-scf00272	12
AX-158115366	12	0.166	KV453008.1	455176	12-scf00272	12
AX-157756494	12	0.166	KV453008.1	561450	12-scf00272	12
AX-158115452	12	0.166	KV453008.1	590063	12-scf00272	12
AX-158115569	12	0.166	KV453008.1	814180	12-scf00272	12
AX-158115323	12	0.183	KV453008.1	382294	12-scf00272	12
AX-158115321	12	0.226	KV453008.1	381204	12-scf00272	12
AX-158115334	12	0.226	KV453008.1	399826	12-scf00272	12
AX-158115454	12	0.226	KV453008.1	595839	12-scf00272	12
AX-158115253	12	0.276	KV453008.1	241273	12-scf00272	12
AX-157758020	12	0.276	KV453008.1	326054	12-scf00272	12
AX-157828339	12	0.276	KV453008.1	365083	12-scf00272	12
AX-157828341	12	0.276	KV453008.1	401717	12-scf00272	12
AX-158115335	12	0.276	KV453008.1	403314	12-scf00272	12
AX-158115336	12	0.276	KV453008.1	404427	12-scf00272	12
AX-158115338	12	0.276	KV453008.1	410906	12-scf00272	12
AX-158115339	12	0.276	KV453008.1	411896	12-scf00272	12
AX-158115344	12	0.276	KV453008.1	423107	12-scf00272	12
AX-158410911	12	0.276	KV453008.1	438345	12-scf00272	12
AX-158115355	12	0.276	KV453008.1	440969	12-scf00272	12
AX-158115356	12	0.276	KV453008.1	441240	12-scf00272	12
AX-157828346	12	0.276	KV453008.1	445127	12-scf00272	12
AX-158115359	12	0.276	KV453008.1	446449	12-scf00272	12
AX-158115360	12	0.276	KV453008.1	447098	12-scf00272	12

AX-157828348	12	0.276	KV453008.1	471129	12-scf00272	12
AX-158115362	12	0.316	KV453008.1	450341	12-scf00272	12
AX-157715969	12	0.342	KV453008.1	279506	12-scf00272	12
AX-158115373	12	0.342	KV453008.1	466126	12-scf00272	12
AX-158115380	12	0.385	KV453008.1	482251	12-scf00272	12
AX-158115381	12	0.423	KV453008.1	483216	12-scf00272	12
AX-157828335	12	0.494	KV453008.1	331620	12-scf00272	12
AX-158115304	12	0.494	KV453008.1	339943	12-scf00272	12
AX-158115391	12	0.494	KV453008.1	501613	12-scf00272	12
AX-158115393	12	0.494	KV453008.1	505312	12-scf00272	12
AX-158115395	12	0.494	KV453008.1	512587	12-scf00272	12
AX-157723919	12	0.512	KV453008.1	514465	12-scf00272	12
AX-158115396	12	0.527	KV453008.1	515861	12-scf00272	12
AX-158115399	12	0.542	KV453008.1	518704	12-scf00272	12
AX-158115400	12	0.561	KV453008.1	519048	12-scf00272	12
AX-158115403	12	0.58	KV453008.1	522336	12-scf00272	12
AX-158115404	12	0.58	KV453008.1	522935	12-scf00272	12
AX-158115406	12	0.592	KV453008.1	523916	12-scf00272	12
AX-157828354	12	0.592	KV453008.1	556615	12-scf00272	12
AX-157742229	12	0.603	KV453008.1	536823	12-scf00272	12
AX-157716534	12	0.603	KV453008.1	716028	12-scf00272	12
AX-157743959	12	0.618	KV453008.1	537579	12-scf00272	12
AX-158115413	12	0.641	KV453008.1	542682	12-scf00272	12
AX-157742818	12	0.664	KV453008.1	543919	12-scf00272	12
AX-157828353	12	0.682	KV453008.1	543999	12-scf00272	12
AX-158115434	12	0.682	KV453008.1	568708	12-scf00272	12
AX-158115414	12	0.699	KV453008.1	545126	12-scf00272	12
AX-158115424	12	0.699	KV453008.1	555052	12-scf00272	12
AX-158114847	12	0.713	KV453009.1	14057	12-scf00271	12
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AX-158114865	12	0.713	KV453009.1	55360	12-scf00271	12
AX-158114872	12	0.713	KV453009.1	75260	12-scf00271	12
AX-158114877	12	0.713	KV453009.1	83276	12-scf00271	12
AX-158114880	12	0.713	KV453009.1	90257	12-scf00271	12
AX-158407773	12	0.713	KV453009.1	97851	12-scf00271	12
AX-158114887	12	0.713	KV453009.1	113919	12-scf00271	12
AX-158410872	12	0.713	KV453009.1	123632	12-scf00271	12
AX-157828257	12	0.713	KV453009.1	139430	12-scf00271	12
AX-157857496	12	0.713	KV453009.1	145445	12-scf00271	12
AX-158114902	12	0.713	KV453009.1	162908	12-scf00271	12
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AX-157750303	12	0.713	KV453009.1	282551	12-scf00271	12
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AX-158114962	12	0.713	KV453009.1	426710	12-scf00271	12

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AX-158115539	12	0.713	KV453008.1	752352	12-scf00272	12
AX-158410928	12	0.713	KV453008.1	753747	12-scf00272	12
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AX-158115563	12	0.713	KV453008.1	808878	12-scf00272	12
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AX-158115566	12	0.713	KV453008.1	811362	12-scf00272	12
AX-158115567	12	0.713	KV453008.1	812859	12-scf00272	12
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AX-158115575	12	0.713	KV453008.1	825438	12-scf00272	12
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AX-158115582	12	0.713	KV453008.1	833187	12-scf00272	12

AX-158115586	12	0.713	KV453008.1	838766	12-scf00272	12
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AX-158115589	12	0.713	KV453008.1	840761	12-scf00272	12
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AX-158410929	12	0.713	KV453008.1	845258	12-scf00272	12
AX-158410930	12	0.713	KV453008.1	845542	12-scf00272	12
AX-158115592	12	0.713	KV453008.1	845959	12-scf00272	12
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AX-158115602	12	0.713	KV453008.1	889803	12-scf00272	12
AX-158115603	12	0.713	KV453008.1	896757	12-scf00272	12
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AX-157828285	12	0.876	KV453009.1	427897	12-scf00271	12
AX-158114963	12	0.876	KV453009.1	428728	12-scf00271	12
AX-157857511	12	0.876	KV453009.1	433760	12-scf00271	12
AX-157828286	12	0.876	KV453009.1	437044	12-scf00271	12
AX-158114964	12	0.876	KV453009.1	438384	12-scf00271	12
AX-158114965	12	0.876	KV453009.1	438975	12-scf00271	12
AX-158114966	12	0.876	KV453009.1	439857	12-scf00271	12
AX-158114967	12	0.876	KV453009.1	441935	12-scf00271	12
AX-157857512	12	0.876	KV453009.1	443864	12-scf00271	12
AX-157857513	12	0.876	KV453009.1	444069	12-scf00271	12
AX-158114968	12	0.876	KV453009.1	451175	12-scf00271	12
AX-158114969	12	0.876	KV453009.1	458626	12-scf00271	12
AX-157828287	12	0.876	KV453009.1	459510	12-scf00271	12
AX-157828288	12	0.876	KV453009.1	461417	12-scf00271	12
AX-157857515	12	0.876	KV453009.1	463793	12-scf00271	12
AX-157871229	12	0.876	KV453009.1	464907	12-scf00271	12
AX-158114970	12	0.876	KV453009.1	468542	12-scf00271	12
AX-157746731	12	0.876	KV453009.1	469116	12-scf00271	12
AX-158114971	12	0.876	KV453009.1	469590	12-scf00271	12
AX-157775767	12	0.876	KV453009.1	476618	12-scf00271	12
AX-158114974	12	0.876	KV453009.1	480079	12-scf00271	12
AX-158114976	12	0.876	KV453009.1	483231	12-scf00271	12
AX-158114978	12	0.876	KV453009.1	487773	12-scf00271	12
AX-158407781	12	0.876	KV453009.1	491239	12-scf00271	12
AX-158410884	12	0.876	KV453009.1	491600	12-scf00271	12
AX-158114980	12	0.876	KV453009.1	492602	12-scf00271	12
AX-157828291	12	0.876	KV453009.1	492810	12-scf00271	12
AX-158114981	12	0.876	KV453009.1	493149	12-scf00271	12
AX-158114982	12	0.876	KV453009.1	494406	12-scf00271	12
AX-158114983	12	0.876	KV453009.1	501356	12-scf00271	12
AX-157828293	12	0.876	KV453009.1	502260	12-scf00271	12
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AX-158407782	12	0.876	KV453009.1	509686	12-scf00271	12
AX-158114985	12	0.876	KV453009.1	514646	12-scf00271	12
AX-158114986	12	0.876	KV453009.1	517999	12-scf00271	12
AX-157723769	12	0.876	KV453009.1	525306	12-scf00271	12
AX-158114990	12	0.876	KV453009.1	529737	12-scf00271	12

AX-157857516	12	0.876	KV453009.1	529951	12-scf00271	12
AX-158114993	12	0.876	KV453009.1	535098	12-scf00271	12
AX-158392654	12	0.876	KV453009.1	535211	12-scf00271	12
AX-158114995	12	0.876	KV453009.1	566468	12-scf00271	12
AX-158114998	12	0.876	KV453009.1	572918	12-scf00271	12
AX-158115002	12	0.876	KV453009.1	579349	12-scf00271	12
AX-157857518	12	0.876	KV453009.1	585075	12-scf00271	12
AX-158115003	12	0.876	KV453009.1	585928	12-scf00271	12
AX-157828295	12	0.876	KV453009.1	589429	12-scf00271	12
AX-157871230	12	0.876	KV453009.1	595903	12-scf00271	12
AX-158115005	12	0.876	KV453009.1	604174	12-scf00271	12
AX-157857519	12	0.876	KV453009.1	609257	12-scf00271	12
AX-157699375	12	0.876	KV453009.1	627351	12-scf00271	12
AX-157828297	12	0.876	KV453009.1	627877	12-scf00271	12
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AX-158115012	12	0.876	KV453009.1	641098	12-scf00271	12
AX-158410888	12	0.876	KV453009.1	642721	12-scf00271	12
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AX-158115013	12	0.876	KV453009.1	655963	12-scf00271	12
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AX-158115016	12	0.876	KV453009.1	668181	12-scf00271	12
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AX-158115020	12	0.876	KV453009.1	674163	12-scf00271	12
AX-158115023	12	0.876	KV453009.1	684841	12-scf00271	12
AX-158115024	12	0.876	KV453009.1	686189	12-scf00271	12
AX-157828303	12	0.876	KV453009.1	686557	12-scf00271	12
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AX-158115029	12	0.876	KV453009.1	695412	12-scf00271	12
AX-157750354	12	0.876	KV453009.1	695887	12-scf00271	12
AX-158115030	12	0.876	KV453009.1	701239	12-scf00271	12
AX-158115031	12	0.876	KV453009.1	705440	12-scf00271	12
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AX-158127793	12	70.937	KV453012.1	146123	12-scf00276	12
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AX-158142023	13	94.322	KV453138.1	8162765	18-scf00300	18
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AX-158150282	14	41.375	KV453330.1	923217	28-scf00313	28
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AX-158152307	14	57.231	KV453331.1	609993	28-scf00315	28
AX-158152312	14	57.231	KV453331.1	618729	28-scf00315	28
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AX-158152267	14	57.629	KV453331.1	560612	28-scf00315	28
AX-158152293	14	57.629	KV453331.1	594012	28-scf00315	28
AX-158152250	14	57.668	KV453331.1	544559	28-scf00315	28
AX-158152253	14	57.668	KV453331.1	548061	28-scf00315	28
AX-158152254	14	57.668	KV453331.1	548516	28-scf00315	28
AX-158152256	14	57.668	KV453331.1	549685	28-scf00315	28
AX-158380405	14	57.668	KV453331.1	550519	28-scf00315	28
AX-158152262	14	57.668	KV453331.1	554753	28-scf00315	28
AX-158152264	14	57.668	KV453331.1	557836	28-scf00315	28
AX-158152265	14	57.668	KV453331.1	558311	28-scf00315	28
AX-158152291	14	57.668	KV453331.1	591465	28-scf00315	28
AX-158152268	14	57.702	KV453331.1	560998	28-scf00315	28
AX-158152272	14	57.734	KV453331.1	566275	28-scf00315	28
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AX-158152299	14	57.777	KV453331.1	601713	28-scf00315	28
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AX-158152235	14	57.995	KV453331.1	505693	28-scf00315	28
AX-158152249	14	57.995	KV453331.1	541708	28-scf00315	28
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AX-158152328	14	58.323	KV453331.1	635542	28-scf00315	28
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AX-158152331	14	58.323	KV453331.1	638311	28-scf00315	28
AX-158152332	14	58.323	KV453331.1	638698	28-scf00315	28
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AX-157832635	14	58.432	KV453331.1	652498	28-scf00315	28
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AX-158152342	14	58.541	KV453331.1	654083	28-scf00315	28
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AX-158152354	14	58.76	KV453331.1	680780	28-scf00315	28
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AX-158152424	14	60.277	KV453331.1	785286	28-scf00315	28
AX-158152428	14	60.396	KV453331.1	788902	28-scf00315	28
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AX-158152463	14	61.943	KV453331.1	840063	28-scf00315	28
AX-158152464	14	61.943	KV453331.1	841757	28-scf00315	28
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AX-158393216	14	62.199	KV453331.1	856651	28-scf00315	28
AX-158152473	14	62.199	KV453331.1	857493	28-scf00315	28
AX-158152476	14	62.326	KV453331.1	860136	28-scf00315	28
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AX-158152479	14	62.453	KV453331.1	864474	28-scf00315	28
AX-158152480	14	62.453	KV453331.1	869335	28-scf00315	28
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AX-158152512	14	63.088	KV453331.1	908714	28-scf00315	28
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AX-158152559	14	63.812	KV453331.1	970616	28-scf00315	28
AX-158152561	14	63.812	KV453331.1	973283	28-scf00315	28
AX-158152556	14	63.828	KV453331.1	966472	28-scf00315	28
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AX-158152596	14	64.123	KV453331.1	1018857	28-scf00315	28
AX-158152570	14	64.452	KV453331.1	987669	28-scf00315	28
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AX-158152576	14	64.452	KV453331.1	992513	28-scf00315	28
AX-158152586	14	64.452	KV453331.1	1006430	28-scf00315	28
AX-158152588	14	64.452	KV453331.1	1008747	28-scf00315	28
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AX-158152592	14	64.452	KV453331.1	1012925	28-scf00315	28
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AX-158152578	14	64.495	KV453331.1	994726	28-scf00315	28
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AX-158152594	14	64.562	KV453331.1	1016267	28-scf00315	28
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AX-158152799	14	70.522	KV453331.1	1295011	28-scf00315	28
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AX-158152935	14	74.077	KV453331.1	1467801	28-scf00315	28
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AX-158152945	14	74.79	KV453331.1	1485635	28-scf00315	28
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AX-158152950	14	74.79	KV453331.1	1492375	28-scf00315	28
AX-158152951	14	74.79	KV453331.1	1493209	28-scf00315	28
AX-158152952	14	74.79	KV453331.1	1495016	28-scf00315	28
AX-158152953	14	74.79	KV453331.1	1495520	28-scf00315	28
AX-158152964	14	74.79	KV453331.1	1509381	28-scf00315	28
AX-157754331	14	74.794	KV453331.1	1496161	28-scf00315	28
AX-158152954	14	74.794	KV453331.1	1497902	28-scf00315	28
AX-158412614	14	74.794	KV453331.1	1499934	28-scf00315	28
AX-158152959	14	74.798	KV453331.1	1504185	28-scf00315	28
AX-158152965	14	75.251	KV453331.1	1511141	28-scf00315	28
AX-157720628	14	75.251	KV453331.1	1513813	28-scf00315	28
AX-158152966	14	75.251	KV453331.1	1515885	28-scf00315	28
AX-158152969	14	75.251	KV453331.1	1519422	28-scf00315	28
AX-158152971	14	75.391	KV453331.1	1520618	28-scf00315	28
AX-158152972	14	75.391	KV453331.1	1521716	28-scf00315	28
AX-158152975	14	75.392	KV453331.1	1523582	28-scf00315	28
AX-158152976	14	75.392	KV453331.1	1524965	28-scf00315	28
AX-158152979	14	75.501	KV453331.1	1526901	28-scf00315	28
AX-158152980	14	75.501	KV453331.1	1528873	28-scf00315	28
AX-158152981	14	75.501	KV453331.1	1529537	28-scf00315	28
AX-158152982	14	75.716	KV453331.1	1531005	28-scf00315	28
AX-157753920	14	75.722	KV453331.1	1531678	28-scf00315	28
AX-158152985	14	76.047	KV453331.1	1535239	28-scf00315	28
AX-158152986	14	76.047	KV453331.1	1535475	28-scf00315	28
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AX-158152955	14	76.112	KV453331.1	1499640	28-scf00315	28
AX-158152983	14	76.112	KV453331.1	1533019	28-scf00315	28
AX-158152987	14	76.112	KV453331.1	1536392	28-scf00315	28
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AX-158152994	14	76.194	KV453331.1	1546282	28-scf00315	28
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AX-157739319	14	76.478	KV453331.1	1546717	28-scf00315	28
AX-158152997	14	76.484	KV453331.1	1548594	28-scf00315	28
AX-158152998	14	76.484	KV453331.1	1549574	28-scf00315	28
AX-158412617	14	76.55	KV453331.1	1552513	28-scf00315	28
AX-158153004	14	76.637	KV453331.1	1556053	28-scf00315	28
AX-158153008	14	76.637	KV453331.1	1557370	28-scf00315	28
AX-157739065	14	76.866	KV453331.1	1565325	28-scf00315	28
AX-158153012	14	76.867	KV453331.1	1566538	28-scf00315	28
AX-158153013	14	77.097	KV453331.1	1567290	28-scf00315	28

AX-158153016	14	77.097	KV453331.1	1571607	28-scf00315	28
AX-158153018	14	77.097	KV453331.1	1574457	28-scf00315	28
AX-158153020	14	77.097	KV453331.1	1575745	28-scf00315	28
AX-158153049	14	77.097	KV453331.1	1623932	28-scf00315	28
AX-158153021	14	77.246	KV453331.1	1577738	28-scf00315	28
AX-158153028	14	77.246	KV453331.1	1584867	28-scf00315	28
AX-158153022	14	77.247	KV453331.1	1579984	28-scf00315	28
AX-158153019	14	77.249	KV453331.1	1575200	28-scf00315	28
AX-158153023	14	77.249	KV453331.1	1580958	28-scf00315	28
AX-158153024	14	77.249	KV453331.1	1581831	28-scf00315	28
AX-158153025	14	77.249	KV453331.1	1583267	28-scf00315	28
AX-158153026	14	77.249	KV453331.1	1583794	28-scf00315	28
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AX-158153029	14	77.249	KV453331.1	1591213	28-scf00315	28
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AX-158393221	14	77.249	KV453331.1	1615183	28-scf00315	28
AX-158153048	14	77.249	KV453331.1	1621914	28-scf00315	28
AX-158153051	14	77.249	KV453331.1	1627768	28-scf00315	28
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AX-158385595	14	77.358	KV453331.1	1612899	28-scf00315	28
AX-157717373	14	77.358	KV453331.1	1613503	28-scf00315	28
AX-158153043	14	77.358	KV453331.1	1615961	28-scf00315	28
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AX-158153058	14	77.577	KV453331.1	1641711	28-scf00315	28
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AX-158153087	14	78.312	KV453331.1	1679146	28-scf00315	28
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AX-158153212	14	79.872	KV453331.1	1863777	28-scf00315	28
AX-158153213	14	79.872	KV453331.1	1865072	28-scf00315	28
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AX-158153216	14	79.981	KV453331.1	1868272	28-scf00315	28

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AX-158153242	14	80.528	KV453331.1	1905581	28-scf00315	28
AX-158153243	14	80.528	KV453331.1	1906265	28-scf00315	28
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AX-158153250	14	80.528	KV453331.1	1918493	28-scf00315	28
AX-158153253	14	80.528	KV453331.1	1921587	28-scf00315	28
AX-158153254	14	80.528	KV453331.1	1921808	28-scf00315	28
AX-158153256	14	80.528	KV453331.1	1924163	28-scf00315	28
AX-158153257	14	80.528	KV453331.1	1925009	28-scf00315	28
AX-158153258	14	80.528	KV453331.1	1927088	28-scf00315	28
AX-158153261	14	80.528	KV453331.1	1934886	28-scf00315	28
AX-158153262	14	80.528	KV453331.1	1935675	28-scf00315	28
AX-158153263	14	80.528	KV453331.1	1936243	28-scf00315	28
AX-158153264	14	80.528	KV453331.1	1937468	28-scf00315	28
AX-158153265	14	80.528	KV453331.1	1939154	28-scf00315	28
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AX-158153296	14	81.184	KV453331.1	1991826	28-scf00315	28

AX-158153297	14	81.184	KV453331.1	1994485	28-scf00315	28
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AX-158153301	14	81.184	KV453331.1	1997408	28-scf00315	28
AX-158153316	14	81.184	KV453331.1	2028259	28-scf00315	28
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AX-158153302	14	81.186	KV453331.1	1997647	28-scf00315	28
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AX-158153309	14	81.708	KV453331.1	2006765	28-scf00315	28
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AX-157683763	14	85.23	KV453336.1	54812	28-scf00318	28
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AX-158153808	15	0.656	KV453075.1	162367	15-scf00320	15

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AX-158168703	16	0.219	KV452961.1	410183	9-scf00334	9
AX-158168704	16	0.219	KV452961.1	411756	9-scf00334	9
AX-157715150	16	0.219	KV452961.1	415375	9-scf00334	9
AX-158168708	16	0.219	KV452961.1	418792	9-scf00334	9
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AX-158168714	16	0.219	KV452961.1	425199	9-scf00334	9
AX-158168715	16	0.219	KV452961.1	425636	9-scf00334	9
AX-158168717	16	0.219	KV452961.1	430439	9-scf00334	9
AX-157834562	16	0.219	KV452961.1	434316	9-scf00334	9
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AX-158168722	16	0.219	KV452961.1	438040	9-scf00334	9
AX-158168725	16	0.219	KV452961.1	441226	9-scf00334	9
AX-158168727	16	0.219	KV452961.1	445228	9-scf00334	9
AX-158168740	16	0.219	KV452961.1	457631	9-scf00334	9
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AX-157834565	16	0.219	KV452961.1	462540	9-scf00334	9
AX-157834568	16	0.219	KV452961.1	481561	9-scf00334	9
AX-158168769	16	0.219	KV452961.1	493842	9-scf00334	9
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AX-157834573	16	0.219	KV452961.1	516779	9-scf00334	9
AX-157747031	16	0.219	KV452961.1	517599	9-scf00334	9
AX-157717456	16	0.219	KV452961.1	524735	9-scf00334	9
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AX-158168798	16	0.219	KV452961.1	545609	9-scf00334	9
AX-158168804	16	0.219	KV452961.1	554827	9-scf00334	9
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AX-157706949	16	0.219	3ML01033207	288	scf08847_1	UN
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AX-158168764	16	0.328	KV452961.1	484025	9-scf00334	9
AX-158168767	16	0.328	KV452961.1	489410	9-scf00334	9

AX-157715852	16	0.328	KV452961.1	493628	9-scf00334	9
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AX-158168782	16	0.328	KV452961.1	522301	9-scf00334	9
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AX-158168797	16	0.437	KV452961.1	544535	9-scf00334	9
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AX-158168940	16	1.531	KV452961.1	717259	9-scf00334	9
AX-158168870	16	1.532	KV452961.1	636337	9-scf00334	9
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AX-158168963	16	2.296	KV452961.1	750922	9-scf00334	9
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AX-158169054	16	3.17	KV452961.1	858542	9-scf00334	9
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AX-158169072	16	3.553	KV452961.1	889002	9-scf00334	9
AX-158169075	16	3.716	KV452961.1	894174	9-scf00334	9
AX-158169076	16	3.716	KV452961.1	895025	9-scf00334	9
AX-158169082	16	3.716	KV452961.1	903240	9-scf00334	9
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AX-158169090	16	3.716	KV452961.1	913035	9-scf00334	9
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AX-158169103	16	3.717	KV452961.1	931358	9-scf00334	9
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AX-158169140	16	3.717	KV452961.1	984994	9-scf00334	9
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AX-158170156	16	32.719	KV452961.1	2534138	9-scf00334	9
AX-158170157	16	32.719	KV452961.1	2534725	9-scf00334	9
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AX-158170176	16	33.586	KV452961.1	2566280	9-scf00334	9
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AX-158170180	16	33.879	KV452961.1	2571177	9-scf00334	9
AX-157752769	16	33.879	KV452961.1	2576524	9-scf00334	9
AX-158170185	16	34.025	KV452961.1	2578735	9-scf00334	9
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AX-158171875	16	45.22	KV452964.1	288632	9-scf00337	9
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AX-158172970	16	51.676	KV452969.1	2377830	9-scf00340	9
AX-158173002	16	51.676	KV452969.1	2437714	9-scf00340	9
AX-158173003	16	51.676	KV452969.1	2438709	9-scf00340	9
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AX-158173008	16	51.74	KV452969.1	2445421	9-scf00340	9
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AX-158173023	16	52.753	KV452969.1	2477034	9-scf00340	9
AX-158172812	16	52.764	KV452969.1	2014052	9-scf00340	9
AX-157773458	16	52.764	KV452969.1	2478062	9-scf00340	9
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AX-158173063	16	55.926	KV452969.1	2548025	9-scf00340	9
AX-158173065	16	55.926	KV452969.1	2549114	9-scf00340	9
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AX-158181082	16	62.48	KV452969.1	13378230	9-scf00340	9
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AX-158181317	16	62.917	KV452969.1	13868002	9-scf00340	9
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AX-158181425	16	63.354	KV452969.1	14050623	9-scf00340	9
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AX-158181435	16	63.354	KV452969.1	14066663	9-scf00340	9
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AX-158181449	16	63.463	KV452969.1	14081823	9-scf00340	9
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AX-157772424	16	77.801	KV452969.1	18663573	9-scf00340	9
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AX-158184687	16	77.801	KV452969.1	18665737	9-scf00340	9
AX-158184695	16	77.801	KV452969.1	18674566	9-scf00340	9
AX-158184697	16	77.801	KV452969.1	18677940	9-scf00340	9
AX-158184699	16	77.801	KV452969.1	18683096	9-scf00340	9
AX-158184689	16	77.848	KV452969.1	18667660	9-scf00340	9
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AX-158184690	16	77.911	KV452969.1	18669941	9-scf00340	9

AX-158184692	16	77.911	KV452969.1	18672056	9-scf00340	9
AX-158184694	16	77.911	KV452969.1	18673513	9-scf00340	9
AX-158184738	16	77.911	KV452969.1	18734456	9-scf00340	9
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AX-158184708	16	78.129	KV452969.1	18695557	9-scf00340	9
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AX-158184713	16	78.129	KV452969.1	18704889	9-scf00340	9
AX-158184714	16	78.129	KV452969.1	18705359	9-scf00340	9
AX-157836002	16	78.129	KV452969.1	18714394	9-scf00340	9
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AX-158184723	16	78.129	KV452969.1	18717641	9-scf00340	9
AX-158184728	16	78.129	KV452969.1	18722458	9-scf00340	9
AX-157745137	16	78.129	KV452969.1	18770484	9-scf00340	9
AX-158184792	16	78.129	KV452969.1	18808359	9-scf00340	9
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AX-158184734	16	78.186	KV452969.1	18730106	9-scf00340	9
AX-158184744	16	78.186	KV452969.1	18740633	9-scf00340	9
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AX-158184715	16	78.238	KV452969.1	18706222	9-scf00340	9
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AX-158184751	16	78.347	KV452969.1	18744879	9-scf00340	9
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AX-158184765	16	78.347	KV452969.1	18765206	9-scf00340	9
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AX-158184764	16	78.348	KV452969.1	18763692	9-scf00340	9
AX-158184766	16	78.566	KV452969.1	18767143	9-scf00340	9
AX-157836008	16	78.566	KV452969.1	18773263	9-scf00340	9
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AX-157726392	16	78.786	KV452969.1	18781292	9-scf00340	9
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AX-158184786	16	79.231	KV452969.1	18800715	9-scf00340	9
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AX-158184791	16	79.334	KV452969.1	18808068	9-scf00340	9
AX-158184794	16	79.334	KV452969.1	18809731	9-scf00340	9
AX-158184797	16	79.334	KV452969.1	18812282	9-scf00340	9
AX-158184798	16	79.768	KV452969.1	18812923	9-scf00340	9
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AX-158184802	16	79.77	KV452969.1	18818388	9-scf00340	9
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AX-158184804	16	79.77	KV452969.1	18819592	9-scf00340	9
AX-158184805	16	79.879	KV452969.1	18820615	9-scf00340	9
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AX-158184900	16	82.618	KV452969.1	18967231	9-scf00340	9
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AX-158184938	16	83.493	KV452969.1	19026332	9-scf00340	9
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AX-158185007	16	83.602	KV452969.1	19114506	9-scf00340	9
AX-158185008	16	83.606	KV452969.1	19116096	9-scf00340	9
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AX-158184983	16	83.894	KV452969.1	19091631	9-scf00340	9
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AX-158187314	16	123.007	KV452973.1	73615	9-scf00344	9
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AX-157836231	16	123.226	KV452973.1	96512	9-scf00344	9
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AX-158187331	16	123.226	KV452973.1	100650	9-scf00344	9
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AX-158187887	16	125.956	KV452976.1	119808	9-scf00350	9
AX-158187899	16	125.956	KV452976.1	137465	9-scf00350	9
AX-158187912	16	125.956	KV452976.1	154917	9-scf00350	9
AX-157683893	16	125.956	KV452975.1	17895	9-scf00351	9
AX-158187708	16	125.997	KV452973.1	400956	9-scf00344	9
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AX-157836274	16	126.065	KV452973.1	418146	9-scf00344	9
AX-158187714	16	126.065	KV452973.1	422337	9-scf00344	9
AX-158187717	16	126.065	KV452973.1	424929	9-scf00344	9
AX-157836276	16	126.065	KV452973.1	432229	9-scf00344	9
AX-158187725	16	126.065	KV452973.1	438515	9-scf00344	9
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AX-158187748	16	126.175	KV452974.1	41253	9-scf00349	9
AX-158187749	16	126.175	KV452974.1	45852	9-scf00349	9
AX-158187750	16	126.175	KV452974.1	49946	9-scf00349	9
AX-158187753	16	126.175	KV452974.1	55550	9-scf00349	9
AX-158187755	16	126.175	KV452974.1	59094	9-scf00349	9
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AX-158187758	16	126.175	KV452974.1	64536	9-scf00349	9
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AX-158187776	16	126.175	KV452974.1	87603	9-scf00349	9
AX-158187777	16	126.175	KV452974.1	88183	9-scf00349	9
AX-158187788	16	126.175	KV452974.1	134897	9-scf00349	9
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AX-158191076	17	36.96	KV452884.1	4529309	6-scf00352	6
AX-158191079	17	36.96	KV452884.1	4531661	6-scf00352	6
AX-158191089	17	36.96	KV452884.1	4540133	6-scf00352	6
AX-158191078	17	36.961	KV452884.1	4531098	6-scf00352	6
AX-158191080	17	36.961	KV452884.1	4532130	6-scf00352	6
AX-158191083	17	36.961	KV452884.1	4533668	6-scf00352	6
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AX-158191088	17	36.961	KV452884.1	4537879	6-scf00352	6
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AX-158191434	17	43.957	KV452884.1	5005397	6-scf00352	6
AX-158191435	17	43.957	KV452884.1	5006182	6-scf00352	6
AX-158191462	17	43.957	KV452884.1	5050010	6-scf00352	6
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AX-157714864	17	44.039	KV452884.1	5161866	6-scf00352	6
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AX-158191387	17	44.066	KV452884.1	4951571	6-scf00352	6
AX-158191392	17	44.066	KV452884.1	4956401	6-scf00352	6
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AX-157836600	17	44.066	KV452884.1	5037411	6-scf00352	6
AX-157836601	17	44.066	KV452884.1	5037908	6-scf00352	6
AX-157836602	17	44.066	KV452884.1	5039126	6-scf00352	6
AX-157836604	17	44.066	KV452884.1	5042030	6-scf00352	6
AX-158191458	17	44.066	KV452884.1	5046043	6-scf00352	6
AX-157745682	17	44.066	KV452884.1	5046104	6-scf00352	6
AX-158191464	17	44.066	KV452884.1	5051363	6-scf00352	6
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AX-158191474	17	44.066	KV452884.1	5062149	6-scf00352	6

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AX-158191608	17	44.066	KV452884.1	5252381	6-scf00352	6
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AX-158191828	17	44.066	KV452884.1	5544526	6-scf00352	6
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AX-158191543	17	44.175	KV452884.1	5160101	6-scf00352	6
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AX-158191554	17	44.175	KV452884.1	5167077	6-scf00352	6

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AX-158191718	17	44.612	KV452884.1	5404848	6-scf00352	6
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AX-158192620	17	49.747	KV452884.1	6579350	6-scf00352	6
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AX-158192625	17	49.747	KV452884.1	6586997	6-scf00352	6
AX-158192626	17	49.747	KV452884.1	6587377	6-scf00352	6
AX-158192628	17	49.747	KV452884.1	6592638	6-scf00352	6
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AX-158192635	17	49.747	KV452884.1	6602971	6-scf00352	6
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AX-158192649	17	49.747	KV452884.1	6614754	6-scf00352	6
AX-158192651	17	49.747	KV452884.1	6620151	6-scf00352	6
AX-158192656	17	49.747	KV452884.1	6628567	6-scf00352	6
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AX-158192721	17	49.747	KV452884.1	6712274	6-scf00352	6
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AX-158192820	17	49.747	KV452884.1	6830521	6-scf00352	6
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AX-158192663	17	49.966	KV452884.1	6637702	6-scf00352	6
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AX-158192708	17	49.966	KV452884.1	6695059	6-scf00352	6
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AX-158192713	17	49.966	KV452884.1	6697828	6-scf00352	6
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AX-158192754	17	49.966	KV452884.1	6755108	6-scf00352	6
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AX-158193123	17	50.731	KV452884.1	7220898	6-scf00352	6
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AX-158193135	17	50.731	KV452884.1	7236767	6-scf00352	6
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AX-158197578	17	59.47	KV452884.1	14956613	6-scf00352	6
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AX-158197594	17	59.579	KV452884.1	14988066	6-scf00352	6
AX-158197597	17	59.579	KV452884.1	14991176	6-scf00352	6
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AX-157837178	17	59.579	KV452884.1	15039849	6-scf00352	6
AX-158197710	17	59.579	KV452884.1	15162705	6-scf00352	6
AX-157837186	17	59.579	KV452884.1	15222152	6-scf00352	6
AX-158197574	17	59.689	KV452884.1	14951308	6-scf00352	6
AX-158197601	17	59.689	KV452884.1	14999113	6-scf00352	6
AX-158197602	17	59.689	KV452884.1	14999637	6-scf00352	6
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AX-158197606	17	59.689	KV452884.1	15006004	6-scf00352	6
AX-158197610	17	59.689	KV452884.1	15012941	6-scf00352	6
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AX-158198023	17	62.536	KV452884.1	15642818	6-scf00352	6
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AX-157708656	17	62.645	KV452891.1	633603	6-scf00356	6
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AX-158197862	17	62.754	KV452884.1	15359869	6-scf00352	6
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AX-158378541	17	65.814	KV453357.1	342152	scf00578	UN
AX-158378672	17	65.814	KV453357.1	351370	scf00578	UN
AX-158378675	17	65.814	KV453357.1	379076	scf00578	UN
AX-158378588	17	65.814	KV453357.1	392680	scf00578	UN
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AX-157683901	17	65.924	KV452886.1	1296139	6-scf00354	6
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AX-158199897	17	65.924	KV452887.1	762979	6-scf00355	6
AX-157747556	17	65.924	KV452887.1	764195	6-scf00355	6
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AX-158199940	17	65.924	KV452887.1	819512	6-scf00355	6
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AX-158199927	17	66.114	KV452887.1	808350	6-scf00355	6
AX-158199932	17	66.114	KV452887.1	814909	6-scf00355	6
AX-158199958	17	66.114	KV452887.1	843227	6-scf00355	6
AX-158199960	17	66.114	KV452887.1	848203	6-scf00355	6
AX-158200409	17	66.114	KV452887.1	1675810	6-scf00355	6
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AX-158393801	17	67.454	KV452887.1	1126355	6-scf00355	6
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AX-158200214	17	68.11	KV452887.1	1225820	6-scf00355	6
AX-158200221	17	68.11	KV452887.1	1262510	6-scf00355	6
AX-158200181	17	68.219	KV452887.1	1188261	6-scf00355	6
AX-158200195	17	68.219	KV452887.1	1209299	6-scf00355	6
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AX-158200208	17	68.328	KV452887.1	1221487	6-scf00355	6
AX-158200213	17	68.329	KV452887.1	1225430	6-scf00355	6

AX-158200215	17	68.33	KV452887.1	1234393	6-scf00355	6
AX-158200218	17	68.403	KV452887.1	1249884	6-scf00355	6
AX-157837401	17	68.403	KV452887.1	1271373	6-scf00355	6
AX-157887009	17	68.474	KV452887.1	1253313	6-scf00355	6
AX-158200231	17	68.765	KV452887.1	1273829	6-scf00355	6
AX-158393802	17	68.765	KV452887.1	1277028	6-scf00355	6
AX-158200235	17	68.765	KV452887.1	1277963	6-scf00355	6
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AX-158200243	17	68.984	KV452887.1	1300496	6-scf00355	6
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AX-158200249	17	68.984	KV452887.1	1305476	6-scf00355	6
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AX-158200253	17	69.084	KV452887.1	1309590	6-scf00355	6
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AX-158200630	17	69.203	KV452891.1	431084	6-scf00356	6
AX-158200928	17	69.203	KV452891.1	901602	6-scf00356	6
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AX-158201234	17	69.203	KV452891.1	1996103	6-scf00356	6
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AX-158202610	17	74.155	KV452892.1	781555	6-scf00360	6
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AX-158202673	17	75.103	KV452892.1	898744	6-scf00360	6
AX-158202678	17	75.103	KV452892.1	907910	6-scf00360	6
AX-158202681	17	75.103	KV452892.1	910208	6-scf00360	6
AX-157746065	17	75.103	KV452892.1	911708	6-scf00360	6
AX-158202682	17	75.103	KV452892.1	916826	6-scf00360	6
AX-158202687	17	75.103	KV452892.1	924641	6-scf00360	6
AX-158202689	17	75.103	KV452892.1	928268	6-scf00360	6
AX-158202690	17	75.103	KV452892.1	928771	6-scf00360	6
AX-157751297	17	75.103	KV452892.1	930929	6-scf00360	6
AX-158202709	17	75.103	KV452892.1	949812	6-scf00360	6
AX-158202685	17	75.276	KV452892.1	923846	6-scf00360	6
AX-158202692	17	75.276	KV452892.1	931373	6-scf00360	6
AX-158202707	17	75.276	KV452892.1	947429	6-scf00360	6
AX-158202697	17	75.466	KV452892.1	937463	6-scf00360	6
AX-158202701	17	75.467	KV452892.1	942166	6-scf00360	6
AX-158202704	17	75.467	KV452892.1	945932	6-scf00360	6
AX-158202706	17	75.467	KV452892.1	946831	6-scf00360	6
AX-158202700	17	75.496	KV452892.1	940575	6-scf00360	6
AX-158202702	17	75.496	KV452892.1	943786	6-scf00360	6
AX-158202710	17	75.496	KV452892.1	950602	6-scf00360	6
AX-158202715	17	75.552	KV452892.1	956708	6-scf00360	6
AX-158202699	17	75.649	KV452892.1	939952	6-scf00360	6
AX-158202713	17	75.649	KV452892.1	954328	6-scf00360	6
AX-158202719	17	75.649	KV452892.1	960138	6-scf00360	6
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AX-158202739	17	75.649	KV452892.1	983923	6-scf00360	6
AX-158202740	17	75.649	KV452892.1	985723	6-scf00360	6
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AX-158202761	17	75.868	KV452892.1	1001518	6-scf00360	6
AX-158202762	17	75.868	KV452892.1	1002661	6-scf00360	6
AX-157753344	17	75.868	KV452892.1	1010324	6-scf00360	6
AX-158202773	17	75.868	KV452892.1	1012136	6-scf00360	6
AX-158202774	17	75.868	KV452892.1	1013360	6-scf00360	6
AX-158202784	17	75.868	KV452892.1	1025080	6-scf00360	6
AX-158202792	17	75.868	KV452892.1	1030250	6-scf00360	6
AX-158202778	17	75.899	KV452892.1	1019253	6-scf00360	6
AX-158202779	17	75.928	KV452892.1	1020212	6-scf00360	6
AX-157872305	17	75.946	KV452892.1	1023940	6-scf00360	6
AX-158202737	17	75.977	KV452892.1	982039	6-scf00360	6
AX-158202776	17	75.977	KV452892.1	1017559	6-scf00360	6
AX-158202786	17	75.977	KV452892.1	1026081	6-scf00360	6
AX-158202790	17	75.977	KV452892.1	1029185	6-scf00360	6
AX-157758845	17	75.977	KV452892.1	1031173	6-scf00360	6
AX-158202811	17	75.977	KV452892.1	1056505	6-scf00360	6
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AX-158386252	17	76.242	KV452892.1	910155	6-scf00360	6
AX-158202730	17	76.242	KV452892.1	973509	6-scf00360	6
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AX-157696697	17	76.242	KV452892.1	1044388	6-scf00360	6
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AX-157837610	17	76.719	KV452892.1	1054610	6-scf00360	6
AX-158202809	17	76.775	KV452892.1	1055208	6-scf00360	6
AX-158202812	17	76.851	KV452892.1	1059021	6-scf00360	6
AX-158202814	17	76.852	KV452892.1	1061615	6-scf00360	6
AX-158202629	17	76.853	KV452892.1	806372	6-scf00360	6
AX-158202670	17	76.853	KV452892.1	893807	6-scf00360	6
AX-158202714	17	76.853	KV452892.1	955502	6-scf00360	6
AX-158202815	17	76.853	KV452892.1	1064936	6-scf00360	6

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AX-158202820	17	77.18	KV452892.1	1071819	6-scf00360	6
AX-158202821	17	77.18	KV452892.1	1072054	6-scf00360	6
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AX-158202825	17	77.471	KV452892.1	1079168	6-scf00360	6
AX-158202830	17	77.471	KV452892.1	1082104	6-scf00360	6
AX-158202832	17	77.471	KV452892.1	1082781	6-scf00360	6
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AX-158202844	17	77.617	KV452892.1	1100336	6-scf00360	6
AX-158202845	17	77.617	KV452892.1	1101925	6-scf00360	6
AX-158202850	17	77.617	KV452892.1	1107137	6-scf00360	6
AX-158202851	17	77.617	KV452892.1	1107518	6-scf00360	6
AX-158202852	17	77.617	KV452892.1	1109512	6-scf00360	6
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AX-158202858	17	77.617	KV452892.1	1115363	6-scf00360	6
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AX-158202942	17	78.776	KV452892.1	1224322	6-scf00360	6
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AX-157720314	17	79.148	KV452892.1	1271957	6-scf00360	6
AX-158202979	17	79.148	KV452892.1	1279003	6-scf00360	6
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AX-158386258	17	79.177	KV452892.1	1175425	6-scf00360	6
AX-158202995	17	79.177	KV452892.1	1310157	6-scf00360	6
AX-158203006	17	79.177	KV452892.1	1322190	6-scf00360	6
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AX-157837624	17	79.194	KV452892.1	1318774	6-scf00360	6
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AX-158203002	17	79.257	KV452892.1	1320670	6-scf00360	6
AX-158203012	17	79.257	KV452892.1	1331968	6-scf00360	6
AX-158203013	17	79.257	KV452892.1	1332218	6-scf00360	6
AX-157749231	17	79.257	KV452892.1	1398125	6-scf00360	6
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AX-158202956	17	79.296	KV452892.1	1248293	6-scf00360	6
AX-158202967	17	79.296	KV452892.1	1260090	6-scf00360	6
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AX-158203017	17	79.331	KV452892.1	1334149	6-scf00360	6
AX-158203003	17	79.366	KV452892.1	1320962	6-scf00360	6
AX-158203021	17	79.366	KV452892.1	1339689	6-scf00360	6
AX-158203022	17	79.366	KV452892.1	1340051	6-scf00360	6
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AX-158203025	17	79.694	KV452892.1	1342148	6-scf00360	6
AX-158203027	17	79.694	KV452892.1	1343670	6-scf00360	6
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AX-158203031	17	79.803	KV452892.1	1350015	6-scf00360	6
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AX-158393913	17	80.022	KV452892.1	1368210	6-scf00360	6
AX-158203045	17	80.022	KV452892.1	1370544	6-scf00360	6
AX-158380722	17	80.022	KV452892.1	1373392	6-scf00360	6
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AX-157757168	17	80.022	KV452892.1	1382428	6-scf00360	6
AX-157773255	17	80.042	KV452892.1	1382839	6-scf00360	6
AX-158203052	17	80.09	KV452892.1	1380740	6-scf00360	6
AX-157720121	17	80.09	KV452892.1	1385546	6-scf00360	6
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AX-158203059	17	80.131	KV452892.1	1390748	6-scf00360	6
AX-158386263	17	80.242	KV452892.1	1392881	6-scf00360	6
AX-158203062	17	80.35	KV452892.1	1399187	6-scf00360	6
AX-158203064	17	80.535	KV452892.1	1401964	6-scf00360	6
AX-158203065	17	80.617	KV452892.1	1403715	6-scf00360	6
AX-158203068	17	80.722	KV452892.1	1407187	6-scf00360	6
AX-158203070	17	80.724	KV452892.1	1410756	6-scf00360	6
AX-158203074	17	81.093	KV452892.1	1416406	6-scf00360	6
AX-158203075	17	81.095	KV452892.1	1417003	6-scf00360	6
AX-158203083	17	81.21	KV452892.1	1425232	6-scf00360	6
AX-158203096	17	81.21	KV452892.1	1441159	6-scf00360	6
AX-158203084	17	81.212	KV452892.1	1427071	6-scf00360	6
AX-158203085	17	81.217	KV452892.1	1427226	6-scf00360	6
AX-158203081	17	81.222	KV452892.1	1424337	6-scf00360	6
AX-158203086	17	81.222	KV452892.1	1427720	6-scf00360	6
AX-158203100	17	81.222	KV452892.1	1442648	6-scf00360	6
AX-157859020	17	81.222	KV452892.1	1444114	6-scf00360	6
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AX-158202885	17	81.225	KV452892.1	1149678	6-scf00360	6

AX-158202944	17	81.225	KV452892.1	1229548	6-scf00360	6
AX-158202984	17	81.225	KV452892.1	1290247	6-scf00360	6
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AX-158203091	17	81.225	KV452892.1	1435021	6-scf00360	6
AX-158203092	17	81.225	KV452892.1	1436456	6-scf00360	6
AX-158203093	17	81.225	KV452892.1	1437238	6-scf00360	6
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AX-158203098	17	81.225	KV452892.1	1441748	6-scf00360	6
AX-157756071	17	81.225	KV452892.1	1442347	6-scf00360	6
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AX-158380723	17	81.453	KV452892.1	1445866	6-scf00360	6
AX-157872312	17	81.806	KV452892.1	1445974	6-scf00360	6
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AX-158203112	17	82	KV452892.1	1458307	6-scf00360	6
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AX-158203117	17	82.014	KV452892.1	1462374	6-scf00360	6
AX-157756139	17	82.014	KV452892.1	1473807	6-scf00360	6
AX-158203105	17	82.022	KV452892.1	1447299	6-scf00360	6
AX-157709634	17	82.022	KV452892.1	1462901	6-scf00360	6
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AX-158203123	17	82.053	KV452892.1	1468743	6-scf00360	6
AX-158203127	17	82.193	KV452892.1	1472102	6-scf00360	6
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AX-158203173	17	83.246	KV452892.1	1536056	6-scf00360	6
AX-158203239	17	83.246	KV452892.1	1625180	6-scf00360	6
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AX-158203201	17	83.711	KV452892.1	1579779	6-scf00360	6
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AX-158203282	17	84.948	KV452892.1	1690993	6-scf00360	6
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AX-158203483	17	90.418	KV452892.1	1968034	6-scf00360	6
AX-158203486	17	90.418	KV452892.1	1975518	6-scf00360	6
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AX-158203495	17	90.527	KV452892.1	1987619	6-scf00360	6
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AX-158203543	17	90.855	KV452892.1	2048436	6-scf00360	6
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AX-158203551	17	90.855	KV452892.1	2058179	6-scf00360	6
AX-158203554	17	90.855	KV452892.1	2061472	6-scf00360	6
AX-158203555	17	90.855	KV452892.1	2061826	6-scf00360	6
AX-158203557	17	90.855	KV452892.1	2063539	6-scf00360	6
AX-158203559	17	90.855	KV452892.1	2065969	6-scf00360	6
AX-158203560	17	90.855	KV452892.1	2067026	6-scf00360	6
AX-158203562	17	90.964	KV452892.1	2070364	6-scf00360	6
AX-158203547	17	91.031	KV452892.1	2053660	6-scf00360	6
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AX-158203567	17	91.115	KV452892.1	2075513	6-scf00360	6
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AX-158203549	17	91.183	KV452892.1	2054951	6-scf00360	6
AX-157747581	17	91.183	KV452892.1	2071592	6-scf00360	6
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AX-158203589	17	91.183	KV452892.1	2112204	6-scf00360	6
AX-158203595	17	91.183	KV452892.1	2118928	6-scf00360	6
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AX-158203501	17	91.184	KV452892.1	2002840	6-scf00360	6
AX-158203597	17	91.184	KV452892.1	2120351	6-scf00360	6
AX-158203615	17	91.184	KV452892.1	2146761	6-scf00360	6
AX-157726033	17	91.184	KV452892.1	2148095	6-scf00360	6
AX-158203601	17	91.346	KV452892.1	2123387	6-scf00360	6
AX-158203603	17	91.346	KV452892.1	2126660	6-scf00360	6
AX-158203611	17	91.346	KV452892.1	2136689	6-scf00360	6
AX-158203571	17	91.428	KV452892.1	2078823	6-scf00360	6
AX-158203588	17	91.428	KV452892.1	2111332	6-scf00360	6
AX-158203604	17	91.428	KV452892.1	2127198	6-scf00360	6
AX-158203613	17	91.51	KV452892.1	2140933	6-scf00360	6
AX-158203614	17	91.51	KV452892.1	2145397	6-scf00360	6
AX-158203616	17	91.51	KV452892.1	2149770	6-scf00360	6
AX-158203617	17	91.51	KV452892.1	2150555	6-scf00360	6
AX-158203618	17	91.51	KV452892.1	2151559	6-scf00360	6
AX-158203582	17	91.6	KV452892.1	2104666	6-scf00360	6
AX-157747103	17	91.6	KV452892.1	2151627	6-scf00360	6
AX-158203621	17	91.693	KV452892.1	2163615	6-scf00360	6
AX-158203623	17	91.875	KV452892.1	2171031	6-scf00360	6
AX-157837683	17	91.875	KV452892.1	2171612	6-scf00360	6
AX-157742411	17	91.875	KV452892.1	2174728	6-scf00360	6
AX-158203628	17	91.875	KV452892.1	2181344	6-scf00360	6
AX-157724995	17	91.875	KV452892.1	2187210	6-scf00360	6
AX-158203633	17	91.875	KV452892.1	2187622	6-scf00360	6

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AX-158204025	17	97.744	KV452892.1	2708252	6-scf00360	6
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AX-158219826	18	66.836	KV453060.1	4241822	14-scf00370	14
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AX-158219937	18	70.444	KV453060.1	4405415	14-scf00370	14
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AX-158221300	18	75.252	KV453065.1	285631	14-scf00373	14
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AX-158221317	18	77.212	KV453065.1	317808	14-scf00373	14
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AX-158221321	18	77.354	KV453065.1	321436	14-scf00373	14
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AX-158221322	18	77.546	KV453065.1	322049	14-scf00373	14
AX-158221325	18	77.791	KV453065.1	325218	14-scf00373	14
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AX-158221332	18	78.102	KV453065.1	342319	14-scf00373	14
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AX-158221338	18	79.037	KV453065.1	357735	14-scf00373	14
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AX-158221345	18	79.116	KV453065.1	366907	14-scf00373	14
AX-158221348	18	79.557	KV453065.1	372878	14-scf00373	14
AX-158221347	18	79.776	KV453065.1	372361	14-scf00373	14
AX-158221351	18	79.776	KV453065.1	374987	14-scf00373	14
AX-158221352	18	79.776	KV453065.1	375344	14-scf00373	14
AX-158221358	18	79.98	KV453065.1	389612	14-scf00373	14
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AX-158221361	18	79.983	KV453065.1	391643	14-scf00373	14
AX-158221362	18	79.988	KV453065.1	392278	14-scf00373	14
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AX-158221377	18	80.542	KV453065.1	410355	14-scf00373	14
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AX-158222949	18	98.884	KV453066.1	396004	14-scf00375	14
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AX-158222946	18	99.101	KV453066.1	399326	14-scf00375	14
AX-158222945	18	99.101	KV453066.1	399658	14-scf00375	14
AX-158222943	18	99.103	KV453066.1	401305	14-scf00375	14
AX-158222942	18	99.103	KV453066.1	401931	14-scf00375	14
AX-158222938	18	99.263	KV453066.1	406162	14-scf00375	14
AX-157754617	18	99.35	KV453066.1	390226	14-scf00375	14
AX-158418670	18	99.35	KV453066.1	408367	14-scf00375	14
AX-158222976	18	99.423	KV453066.1	364204	14-scf00375	14
AX-158222974	18	99.423	KV453066.1	367672	14-scf00375	14

AX-158222935	18	99.423	KV453066.1	409188	14-scf00375	14
AX-158222913	18	99.423	KV453066.1	437877	14-scf00375	14
AX-157839489	18	99.445	KV453066.1	410037	14-scf00375	14
AX-157741100	18	99.445	KV453066.1	410808	14-scf00375	14
AX-158222930	18	99.445	KV453066.1	414349	14-scf00375	14
AX-158222929	18	99.599	KV453066.1	414653	14-scf00375	14
AX-158222909	18	99.599	KV453066.1	440934	14-scf00375	14
AX-158222907	18	99.599	KV453066.1	442414	14-scf00375	14
AX-158222893	18	99.599	KV453066.1	457378	14-scf00375	14
AX-158222883	18	99.599	KV453066.1	476192	14-scf00375	14
AX-158222970	18	99.78	KV453066.1	375396	14-scf00375	14
AX-158222951	18	99.78	KV453066.1	393428	14-scf00375	14
AX-158222926	18	99.78	KV453066.1	419532	14-scf00375	14
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AX-158222922	18	99.78	KV453066.1	428369	14-scf00375	14
AX-158222921	18	99.78	KV453066.1	428882	14-scf00375	14
AX-158222920	18	99.78	KV453066.1	429390	14-scf00375	14
AX-158222919	18	99.78	KV453066.1	431670	14-scf00375	14
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AX-158222900	18	99.838	KV453066.1	446843	14-scf00375	14
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AX-158222885	18	100.412	KV453066.1	471733	14-scf00375	14
AX-158222879	18	100.412	KV453066.1	482592	14-scf00375	14
AX-158222890	18	100.548	KV453066.1	465230	14-scf00375	14
AX-158222889	18	100.548	KV453066.1	467380	14-scf00375	14
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AX-158222861	18	101.838	KV453066.1	505177	14-scf00375	14
AX-158222859	18	101.839	KV453066.1	506720	14-scf00375	14
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AX-158222850	18	101.948	KV453066.1	517501	14-scf00375	14
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AX-158222839	18	101.948	KV453066.1	525193	14-scf00375	14
AX-158222836	18	101.948	KV453066.1	531425	14-scf00375	14
AX-158222834	18	101.948	KV453066.1	538271	14-scf00375	14
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AX-158222699	18	104.903	KV453066.1	753991	14-scf00375	14

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AX-158222638	18	105.941	KV453066.1	846114	14-scf00375	14
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AX-158223206	18	106.433	KV453069.1	52768	14-scf00378	14
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AX-158223202	18	106.433	KV453069.1	58833	14-scf00378	14
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AX-157742805	18	106.542	KV453069.1	45560	14-scf00378	14
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AX-158223245	18	106.651	KV453069.1	2720	14-scf00378	14
AX-158223229	18	106.651	KV453069.1	24779	14-scf00378	14
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AX-158223261	18	107.502	KV453069.1	84977	14-scf00378	14
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AX-158223893	19	0.219	KV453239.1	363397	23-scf00385	23
AX-158223894	19	0.219	KV453239.1	364468	23-scf00385	23
AX-158223895	19	0.219	KV453239.1	364793	23-scf00385	23
AX-158223898	19	0.219	KV453239.1	367290	23-scf00385	23
AX-158223899	19	0.219	KV453239.1	371597	23-scf00385	23
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AX-158223910	19	0.219	KV453239.1	387888	23-scf00385	23
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AX-158224017	19	0.219	KV453239.1	512539	23-scf00385	23

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AX-158224036	19	0.219	KV453239.1	555440	23-scf00385	23
AX-158224042	19	0.219	KV453239.1	570625	23-scf00385	23
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AX-158224063	19	0.219	KV453239.1	611533	23-scf00385	23
AX-158224069	19	0.219	KV453239.1	617427	23-scf00385	23
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AX-158224161	19	0.219	KV453239.1	717717	23-scf00385	23
AX-158224162	19	0.219	KV453239.1	718099	23-scf00385	23
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AX-158224177	19	0.219	KV453239.1	734200	23-scf00385	23
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AX-158231844	19	49.785	KV453243.1	2940496	23-scf00581	23
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AX-158231863	19	49.949	KV453243.1	2960140	23-scf00581	23
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AX-158231889	19	49.949	KV453243.1	2989340	23-scf00581	23

AX-158231892	19	49.949	KV453243.1	2994819	23-scf00581	23
AX-158231893	19	49.949	KV453243.1	2996055	23-scf00581	23
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AX-158231890	19	49.956	KV453243.1	2991025	23-scf00581	23
AX-158231896	19	49.967	KV453243.1	2999736	23-scf00581	23
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AX-157753588	19	50.05	KV453243.1	3026829	23-scf00581	23
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AX-158237310	20	34.256	KV452979.1	666217	10-scf00389	10
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AX-158250573	20	73.259	KV452985.1	829473	10-scf00396	10
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AX-158250855	20	78.722	KV452986.1	114953	10-scf00397	10
AX-158250858	20	78.722	KV452986.1	119004	10-scf00397	10
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AX-158250860	20	78.722	KV452986.1	120599	10-scf00397	10
AX-158250863	20	78.722	KV452986.1	122578	10-scf00397	10
AX-158250875	20	79.159	KV452986.1	143091	10-scf00397	10
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AX-158251219	20	82.7	KV452986.1	661685	10-scf00397	10
AX-158251217	20	82.701	KV452986.1	660009	10-scf00397	10
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AX-158251244	20	83.095	KV452986.1	688414	10-scf00397	10
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AX-158251420	20	85.937	KV452986.1	899271	10-scf00397	10
AX-157842180	20	85.937	KV452986.1	899696	10-scf00397	10
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AX-158251483	20	88.495	KV452986.1	1013103	10-scf00397	10
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AX-158253133	20	104.324	KV452990.1	165987	10-scf00400	10
AX-158253136	20	104.324	KV452990.1	167886	10-scf00400	10
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AX-158253144	20	104.324	KV452990.1	176042	10-scf00400	10
AX-158253145	20	104.324	KV452990.1	176458	10-scf00400	10
AX-158253239	20	104.324	KV452993.1	65492	10-scf00401	10
AX-158394515	20	104.324	KV452993.1	105666	10-scf00401	10
AX-158251816	20	104.542	KV452988.1	236908	10-scf00398	10
AX-158251893	20	104.542	KV452988.1	309857	10-scf00398	10
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AX-158253146	20	104.542	KV452990.1	177765	10-scf00400	10
AX-158253147	20	104.542	KV452990.1	178198	10-scf00400	10
AX-158253154	20	104.542	KV452990.1	186652	10-scf00400	10
AX-158253157	20	104.542	KV452990.1	189914	10-scf00400	10
AX-158253160	20	104.542	KV452990.1	192846	10-scf00400	10
AX-158253161	20	104.542	KV452990.1	194348	10-scf00400	10

AX-157842315	20	104.542	KV452987.1	65912	10-scf00402	10
AX-158415975	20	104.542	KV452987.1	66440	10-scf00402	10
AX-158253166	20	104.62	KV452990.1	199352	10-scf00400	10
AX-158253172	20	104.689	KV452990.1	211118	10-scf00400	10
AX-158253178	20	104.689	KV452990.1	234154	10-scf00400	10
AX-157716762	20	104.761	KV452990.1	233665	10-scf00400	10
AX-158253181	20	104.761	KV452990.1	239759	10-scf00400	10
AX-157726354	20	104.761	KV452990.1	241144	10-scf00400	10
AX-157719135	20	104.761	KV452990.1	241895	10-scf00400	10
AX-158253182	20	104.761	KV452990.1	242816	10-scf00400	10
AX-158253184	20	104.761	KV452990.1	246510	10-scf00400	10
AX-158253190	20	104.761	KV452990.1	254329	10-scf00400	10
AX-158253195	20	104.761	KV452990.1	262072	10-scf00400	10
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AX-158253208	20	104.761	KV452993.1	21121	10-scf00401	10
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AX-158253197	20	104.833	KV452990.1	263497	10-scf00400	10
AX-158253289	20	104.833	KV452993.1	165095	10-scf00401	10
AX-158251904	20	105.868	KV452988.1	324969	10-scf00398	10
AX-158253510	20	105.868	KV452991.1	63804	10-scf00403	10
AX-158253514	20	105.868	KV452991.1	69979	10-scf00403	10
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AX-158253149	20	107.065	KV452990.1	179257	10-scf00400	10
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AX-158253204	20	107.065	KV452993.1	15868	10-scf00401	10
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AX-158253217	20	107.065	KV452993.1	29934	10-scf00401	10
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AX-158253225	20	107.065	KV452993.1	43511	10-scf00401	10
AX-158251562	20	107.175	KV452986.1	1146569	10-scf00397	10
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AX-158251584	20	107.175	KV452986.1	1178760	10-scf00397	10
AX-158251597	20	107.175	KV452986.1	1198293	10-scf00397	10
AX-157842192	20	107.175	KV452986.1	1202536	10-scf00397	10
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AX-158253242	20	107.175	KV452993.1	73443	10-scf00401	10
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AX-158253258	20	107.175	KV452993.1	102587	10-scf00401	10
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AX-158253275	20	107.175	KV452993.1	133136	10-scf00401	10
AX-158253278	20	107.175	KV452993.1	138881	10-scf00401	10
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AX-158253280	20	107.175	KV452993.1	147854	10-scf00401	10
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AX-158253304	20	107.175	KV452993.1	195197	10-scf00401	10
AX-158253311	20	107.175	KV452993.1	204329	10-scf00401	10
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AX-158253360	20	107.397	KV452993.1	305220	10-scf00401	10
AX-158253083	20	107.406	KV452990.1	84996	10-scf00400	10
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AX-158253439	20	110.144	KV452987.1	144897	10-scf00402	10
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AX-158253719	21	0.543	KV453201.1	16005	21-scf00406	21
AX-158253720	21	0.543	KV453201.1	16769	21-scf00406	21
AX-158253723	21	0.543	KV453201.1	22309	21-scf00406	21
AX-158253727	21	0.543	KV453201.1	28677	21-scf00406	21
AX-158253728	21	0.543	KV453201.1	29145	21-scf00406	21
AX-157801450	21	0.543	KV453201.1	29831	21-scf00406	21
AX-158253729	21	0.543	KV453201.1	30252	21-scf00406	21
AX-158253730	21	0.543	KV453201.1	30972	21-scf00406	21
AX-158253731	21	0.543	KV453201.1	32244	21-scf00406	21
AX-158253732	21	0.543	KV453201.1	34279	21-scf00406	21
AX-157867378	21	0.543	KV453201.1	35554	21-scf00406	21
AX-157872760	21	0.543	KV453201.1	44541	21-scf00406	21
AX-157859891	21	0.543	KV453201.1	45527	21-scf00406	21
AX-158253739	21	0.543	KV453201.1	47907	21-scf00406	21
AX-158253740	21	0.543	KV453201.1	48885	21-scf00406	21
AX-157842373	21	0.543	KV453201.1	49464	21-scf00406	21
AX-158253743	21	0.543	KV453201.1	50952	21-scf00406	21
AX-158253744	21	0.543	KV453201.1	51395	21-scf00406	21
AX-158253748	21	0.543	KV453201.1	54827	21-scf00406	21
AX-158253749	21	0.543	KV453201.1	55706	21-scf00406	21
AX-157746327	21	0.543	KV453201.1	56263	21-scf00406	21
AX-157751823	21	0.543	KV453201.1	58844	21-scf00406	21
AX-158253547	21	0.543	KV453200.1	34227	21-scf00407	21
AX-158415997	21	0.543	KV453200.1	241794	21-scf00407	21
AX-157690010	21	0.543		70	scf20800	UN
AX-158253752	21	0.707	KV453201.1	61698	21-scf00406	21
AX-158253753	21	0.707	KV453201.1	63799	21-scf00406	21
AX-157727604	21	0.707	KV453201.1	64123	21-scf00406	21
AX-158253754	21	0.707	KV453201.1	64752	21-scf00406	21
AX-158253625	21	0.871	KV453204.1	35948	21-scf00405	21
AX-158253633	21	0.871	KV453204.1	50818	21-scf00405	21
AX-158253736	21	0.871	KV453201.1	38272	21-scf00406	21
AX-158253746	21	0.871	KV453201.1	53775	21-scf00406	21
AX-158253755	21	0.871	KV453201.1	69700	21-scf00406	21
AX-158253757	21	0.871	KV453201.1	70678	21-scf00406	21
AX-158253759	21	0.871	KV453201.1	76225	21-scf00406	21

AX-157681164	21	0.871	KV453201.1	79259	21-scf00406	21
AX-157681623	21	0.871	KV453201.1	81189	21-scf00406	21
AX-157680284	21	0.871	KV453201.1	83249	21-scf00406	21
AX-157684045	21	0.871	KV453201.1	84731	21-scf00406	21
AX-157684042	21	0.871	KV453201.1	90262	21-scf00406	21
AX-157684010	21	0.871	KV453203.1	9787	21-scf00408	21
AX-157680126	21	0.98	KV453203.1	52127	21-scf00408	21
AX-157684014	21	0.98	KV453202.1	2217	21-scf00409	21
AX-157684017	21	0.98	KV453202.1	6216	21-scf00409	21
AX-157684022	21	0.98	KV453202.1	24132	21-scf00409	21
AX-157684024	21	0.98	KV453202.1	26515	21-scf00409	21
AX-157684030	21	0.98	KV453202.1	31696	21-scf00409	21
AX-157684032	21	0.98	KV453202.1	32462	21-scf00409	21
AX-157684034	21	0.98	KV453202.1	34826	21-scf00409	21
AX-157683990	21	1.025	KV453203.1	36437	21-scf00408	21
AX-157757595	21	1.039	KV453204.1	40733	21-scf00405	21
AX-157680253	21	1.039	KV453203.1	35888	21-scf00408	21
AX-157683993	21	1.067	KV453203.1	31861	21-scf00408	21
AX-158419135	21	1.089	KV453204.1	129125	21-scf00405	21
AX-158253756	21	1.089	KV453201.1	70208	21-scf00406	21
AX-157684011	21	1.089	KV453203.1	705	21-scf00408	21
AX-157684008	21	1.089	KV453203.1	16641	21-scf00408	21
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AX-157684004	21	1.089	KV453203.1	20055	21-scf00408	21
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AX-157684000	21	1.089	KV453203.1	24918	21-scf00408	21
AX-157683997	21	1.089	KV453203.1	27036	21-scf00408	21
AX-157683994	21	1.089	KV453203.1	30766	21-scf00408	21
AX-157684026	21	1.089	KV453202.1	27346	21-scf00409	21
AX-158253605	21	1.417	KV453204.1	1787	21-scf00405	21
AX-157717411	21	1.417	KV453204.1	3128	21-scf00405	21
AX-158253606	21	1.417	KV453204.1	4005	21-scf00405	21
AX-158253722	21	1.417	KV453201.1	21218	21-scf00406	21
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AX-158253750	21	1.417	KV453201.1	57156	21-scf00406	21
AX-158253751	21	1.417	KV453201.1	58370	21-scf00406	21
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AX-158253609	21	1.538	KV453204.1	7982	21-scf00405	21
AX-158253610	21	1.538	KV453204.1	9485	21-scf00405	21
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AX-158253613	21	1.538	KV453204.1	11515	21-scf00405	21
AX-158253616	21	1.538	KV453204.1	20576	21-scf00405	21
AX-158253617	21	1.674	KV453204.1	21764	21-scf00405	21
AX-157842355	21	2.623	KV453204.1	24836	21-scf00405	21
AX-158253623	21	2.623	KV453204.1	31646	21-scf00405	21
AX-157842356	21	2.623	KV453204.1	32600	21-scf00405	21

AX-158253624	21	2.623	KV453204.1	32991	21-scf00405	21
AX-158253626	21	2.623	KV453204.1	38441	21-scf00405	21
AX-158253628	21	2.623	KV453204.1	44962	21-scf00405	21
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AX-158253639	21	2.77	KV453204.1	58395	21-scf00405	21
AX-157718938	21	2.77	KV453204.1	59201	21-scf00405	21
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AX-158253640	21	2.77	KV453204.1	60331	21-scf00405	21
AX-158253641	21	2.77	KV453204.1	60594	21-scf00405	21
AX-158253646	21	2.77	KV453204.1	65122	21-scf00405	21
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AX-157738839	21	2.77	KV453204.1	71447	21-scf00405	21
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AX-158253635	21	3.057	KV453204.1	52976	21-scf00405	21
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AX-158253700	21	3.17	KV453204.1	162826	21-scf00405	21
AX-158253701	21	3.17	KV453204.1	163553	21-scf00405	21

AX-158253702	21	3.17	KV453204.1	168483	21-scf00405	21
AX-158253706	21	3.17	KV453204.1	173671	21-scf00405	21
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AX-158253768	21	3.895	KV453205.1	17292	21-scf00412	21
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AX-158253770	21	3.895	KV453205.1	18183	21-scf00412	21
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AX-158253772	21	4.016	KV453205.1	21708	21-scf00412	21
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AX-158253627	21	4.26	KV453204.1	39269	21-scf00405	21
AX-158253551	21	4.26	KV453200.1	54932	21-scf00407	21
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AX-157746722	21	4.26	KV453205.1	39279	21-scf00412	21
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AX-158253782	21	4.26	KV453205.1	45139	21-scf00412	21
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AX-158253802	21	4.26	KV453205.1	76852	21-scf00412	21
AX-158253812	21	4.26	KV453207.1	16894	21-scf00413	21
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AX-158253846	21	4.26	KV453207.1	79016	21-scf00413	21
AX-158253921	21	4.26	KV453208.1	146255	21-scf00414	21
AX-157842405	21	4.26	KV453208.1	174423	21-scf00414	21
AX-158253939	21	4.26	KV453208.1	179285	21-scf00414	21
AX-158253780	21	4.262	KV453205.1	42939	21-scf00412	21
AX-158253804	21	4.262	KV453205.1	78787	21-scf00412	21
AX-158253862	21	4.262	KV453208.1	56992	21-scf00414	21
AX-157842390	21	4.262	KV453208.1	66426	21-scf00414	21
AX-157842392	21	4.262	KV453208.1	68980	21-scf00414	21
AX-158253870	21	4.262	KV453208.1	69372	21-scf00414	21
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AX-158253876	21	4.262	KV453208.1	78020	21-scf00414	21
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AX-158253879	21	4.262	KV453208.1	80871	21-scf00414	21
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AX-158253831	21	4.481	KV453207.1	42505	21-scf00413	21
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AX-158253950	21	4.481	KV453208.1	204863	21-scf00414	21
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AX-158253866	21	4.562	KV453208.1	63988	21-scf00414	21
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AX-158253863	21	4.598	KV453208.1	61244	21-scf00414	21
AX-158253867	21	4.598	KV453208.1	64688	21-scf00414	21

AX-157842389	21	4.598	KV453208.1	65577	21-scf00414	21
AX-158253877	21	4.598	KV453208.1	79606	21-scf00414	21
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AX-158303206	24	2.676	KV453246.1	99854	24-scf00487	24
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AX-158303213	24	2.676	KV453246.1	114676	24-scf00487	24
AX-158303223	24	2.676	KV453246.1	133450	24-scf00487	24
AX-158303224	24	2.676	KV453246.1	136256	24-scf00487	24
AX-158420780	24	2.676	KV453251.1	32557	24-scf00641	24
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AX-157686876	24	2.676	KV453247.1	20627	24-scf00752	24
AX-158303531	24	3.489	KV453253.1	289931	24-scf00489	24
AX-158303534	24	3.489	KV453253.1	294099	24-scf00489	24
AX-157853404	24	3.489	KV453249.1	156235	24-scf00603	24
AX-158377312	24	3.489	KV453249.1	168746	24-scf00603	24
AX-158379069	24	3.489	KV453249.1	168969	24-scf00603	24
AX-158302987	24	4.155	KV453245.1	18634	24-scf00486	24
AX-158302988	24	4.16	KV453245.1	21399	24-scf00486	24
AX-158303012	24	4.16	KV453245.1	83991	24-scf00486	24
AX-158303060	24	4.16	KV453245.1	170544	24-scf00486	24
AX-158303329	24	4.16	KV453248.1	145291	24-scf00488	24

AX-158302990	24	4.164	KV453245.1	28881	24-scf00486	24
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AX-158302993	24	4.593	KV453245.1	43710	24-scf00486	24
AX-158302995	24	4.593	KV453245.1	47851	24-scf00486	24
AX-157867683	24	4.593	KV453245.1	112721	24-scf00486	24
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AX-157846479	24	4.679	KV453245.1	45238	24-scf00486	24
AX-158302997	24	4.702	KV453245.1	51808	24-scf00486	24
AX-158303001	24	4.702	KV453245.1	56116	24-scf00486	24
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AX-158303033	24	5.907	KV453245.1	131574	24-scf00486	24
AX-158303040	24	5.907	KV453245.1	140513	24-scf00486	24
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AX-158303057	24	5.907	KV453245.1	168083	24-scf00486	24
AX-158303059	24	5.907	KV453245.1	169548	24-scf00486	24
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AX-158303104	24	5.907	KV453245.1	236629	24-scf00486	24
AX-158303106	24	5.907	KV453245.1	239750	24-scf00486	24

AX-158303107	24	5.907	KV453245.1	242995	24-scf00486	24
AX-158303108	24	5.907	KV453245.1	245345	24-scf00486	24
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AX-158303111	24	5.907	KV453245.1	247231	24-scf00486	24
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AX-158303420	24	5.907	KV453248.1	300255	24-scf00488	24
AX-157846521	24	5.907	KV453248.1	376025	24-scf00488	24
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AX-157846499	24	7.98	KV453248.1	8488	24-scf00488	24
AX-157721437	24	7.98	KV453248.1	131549	24-scf00488	24
AX-157713897	24	7.98	KV453248.1	133251	24-scf00488	24
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AX-158303247	24	8.715	KV453248.1	10810	24-scf00488	24
AX-158303250	24	8.715	KV453248.1	17089	24-scf00488	24
AX-157756885	24	8.715	KV453248.1	17491	24-scf00488	24
AX-157846502	24	8.715	KV453248.1	25048	24-scf00488	24
AX-158303252	24	9.42	KV453248.1	26389	24-scf00488	24
AX-158303253	24	9.423	KV453248.1	27433	24-scf00488	24
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AX-158303256	24	9.664	KV453248.1	34803	24-scf00488	24
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AX-158303267	24	10.02	KV453248.1	44332	24-scf00488	24
AX-158303269	24	10.052	KV453248.1	45910	24-scf00488	24
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AX-158303271	24	10.32	KV453248.1	51638	24-scf00488	24
AX-157846505	24	10.32	KV453248.1	58841	24-scf00488	24
AX-158303251	24	10.373	KV453248.1	22341	24-scf00488	24
AX-158303275	24	10.373	KV453248.1	59152	24-scf00488	24
AX-158303294	24	10.373	KV453248.1	79326	24-scf00488	24
AX-158303491	24	10.373	KV453253.1	180915	24-scf00489	24

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AX-158303511	24	10.373	KV453253.1	246411	24-scf00489	24
AX-158303552	24	10.373	KV453253.1	336236	24-scf00489	24
AX-158303554	24	10.373	KV453253.1	339092	24-scf00489	24
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AX-158303560	24	10.373	KV453253.1	351137	24-scf00489	24
AX-158303689	24	10.373	KV453253.1	528613	24-scf00489	24
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AX-158377820	24	10.373	KV453252.1	61377	24-scf00618	24
AX-157853463	24	10.373	KV453252.1	62068	24-scf00618	24
AX-158377835	24	10.373	KV453252.1	95621	24-scf00618	24
AX-158303255	24	10.429	KV453248.1	31560	24-scf00488	24
AX-158303285	24	10.429	KV453248.1	71704	24-scf00488	24
AX-158303287	24	10.429	KV453248.1	72779	24-scf00488	24
AX-158303289	24	10.429	KV453248.1	73715	24-scf00488	24
AX-158303290	24	10.429	KV453248.1	76253	24-scf00488	24
AX-157752855	24	10.429	KV453248.1	86165	24-scf00488	24
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AX-157744238	24	10.429	KV453248.1	91762	24-scf00488	24
AX-158303302	24	10.429	KV453248.1	101116	24-scf00488	24
AX-158303243	24	13.162	KV453248.1	2537	24-scf00488	24
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AX-158303313	24	13.225	KV453248.1	122860	24-scf00488	24
AX-158303316	24	13.272	KV453248.1	133514	24-scf00488	24
AX-158303318	24	13.272	KV453248.1	137215	24-scf00488	24
AX-157846513	24	13.272	KV453248.1	138123	24-scf00488	24
AX-158303319	24	13.272	KV453248.1	138721	24-scf00488	24
AX-158303325	24	13.272	KV453248.1	141834	24-scf00488	24
AX-158303345	24	13.272	KV453248.1	174198	24-scf00488	24
AX-158303245	24	13.328	KV453248.1	4381	24-scf00488	24
AX-158303246	24	13.328	KV453248.1	7603	24-scf00488	24
AX-158303326	24	13.328	KV453248.1	142127	24-scf00488	24
AX-158303327	24	13.328	KV453248.1	142368	24-scf00488	24
AX-158303328	24	13.344	KV453248.1	145106	24-scf00488	24
AX-158303067	24	13.381	KV453245.1	177413	24-scf00486	24
AX-158303330	24	13.381	KV453248.1	146233	24-scf00488	24
AX-158303332	24	13.381	KV453248.1	147636	24-scf00488	24
AX-157740671	24	13.381	KV453248.1	167482	24-scf00488	24
AX-158303374	24	13.381	KV453248.1	214969	24-scf00488	24
AX-158303334	24	13.49	KV453248.1	152035	24-scf00488	24
AX-157846517	24	13.49	KV453248.1	210395	24-scf00488	24
AX-158303346	24	13.531	KV453248.1	175055	24-scf00488	24
AX-157757748	24	13.6	KV453248.1	176299	24-scf00488	24
AX-158303350	24	13.6	KV453248.1	180254	24-scf00488	24

AX-158303352	24	13.6	KV453248.1	185757	24-scf00488	24
AX-158303351	24	13.678	KV453248.1	183097	24-scf00488	24
AX-157860875	24	13.729	KV453248.1	117453	24-scf00488	24
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AX-158303353	24	13.729	KV453248.1	186661	24-scf00488	24
AX-157758836	24	13.729	KV453248.1	193673	24-scf00488	24
AX-158303360	24	13.729	KV453248.1	197271	24-scf00488	24
AX-158303361	24	13.729	KV453248.1	197941	24-scf00488	24
AX-158303363	24	13.729	KV453248.1	200751	24-scf00488	24
AX-158303364	24	13.729	KV453248.1	201852	24-scf00488	24
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AX-158303393	24	13.729	KV453248.1	246005	24-scf00488	24
AX-157750508	24	13.729	KV453248.1	271578	24-scf00488	24
AX-158303422	24	13.729	KV453248.1	303273	24-scf00488	24
AX-158303369	24	13.795	KV453248.1	207475	24-scf00488	24
AX-158303371	24	13.858	KV453248.1	208289	24-scf00488	24
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AX-157751377	24	14.154	KV453248.1	235948	24-scf00488	24
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AX-157846507	24	16.243	KV453248.1	92919	24-scf00488	24
AX-158377290	24	16.243	KV453249.1	112057	24-scf00603	24
AX-158377295	24	16.243	KV453249.1	118585	24-scf00603	24
AX-157710176	24	16.243	KV453249.1	120454	24-scf00603	24
AX-158377297	24	16.243	KV453249.1	126194	24-scf00603	24
AX-158377298	24	16.243	KV453249.1	133337	24-scf00603	24
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AX-158303524	24	17.97	KV453253.1	273698	24-scf00489	24
AX-158303540	24	17.97	KV453253.1	307858	24-scf00489	24
AX-158303555	24	17.97	KV453253.1	339979	24-scf00489	24
AX-158303556	24	17.97	KV453253.1	343104	24-scf00489	24
AX-158303562	24	17.97	KV453253.1	361534	24-scf00489	24
AX-158303611	24	17.97	KV453253.1	419005	24-scf00489	24

AX-158303623	24	17.97	KV453253.1	432038	24-scf00489	24
AX-158303775	24	17.97	KV453253.1	630303	24-scf00489	24
AX-157853408	24	17.97	KV453249.1	175674	24-scf00603	24
AX-158377319	24	17.97	KV453249.1	180865	24-scf00603	24
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AX-158303628	24	18.011	KV453253.1	436873	24-scf00489	24
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AX-158303631	24	18.053	KV453253.1	458369	24-scf00489	24
AX-158303642	24	18.053	KV453253.1	478067	24-scf00489	24
AX-158303767	24	18.053	KV453253.1	620952	24-scf00489	24
AX-157739868	24	18.053	KV453253.1	642821	24-scf00489	24
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AX-158303653	24	18.099	KV453253.1	491005	24-scf00489	24
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AX-157716680	25	2.098	KV453089.1	572324	16-scf00496	16
AX-157847648	25	2.098	KV453089.1	572920	16-scf00496	16

AX-158314675	25	2.098	KV453089.1	574608	16-scf00496	16
AX-158314676	25	2.098	KV453089.1	577702	16-scf00496	16
AX-158314684	25	2.098	KV453089.1	596618	16-scf00496	16
AX-157712144	25	2.098	KV453089.1	602681	16-scf00496	16
AX-157847649	25	2.098	KV453089.1	603856	16-scf00496	16
AX-157719863	25	2.098	KV453089.1	633113	16-scf00496	16
AX-158314701	25	2.098	KV453089.1	634877	16-scf00496	16
AX-157714664	25	2.098	KV453089.1	741831	16-scf00496	16
AX-158314778	25	2.098	KV453089.1	778442	16-scf00496	16
AX-157710788	25	2.15	KV453089.1	607687	16-scf00496	16
AX-157847614	25	2.207	KV453089.1	235994	16-scf00496	16
AX-158314519	25	2.207	KV453089.1	240717	16-scf00496	16
AX-157716382	25	2.207	KV453089.1	244662	16-scf00496	16
AX-158314526	25	2.207	KV453089.1	262253	16-scf00496	16
AX-158314527	25	2.207	KV453089.1	263418	16-scf00496	16
AX-158314535	25	2.207	KV453089.1	284693	16-scf00496	16
AX-158314540	25	2.207	KV453089.1	290524	16-scf00496	16
AX-158314548	25	2.207	KV453089.1	300340	16-scf00496	16
AX-158314549	25	2.207	KV453089.1	301126	16-scf00496	16
AX-158314554	25	2.207	KV453089.1	309455	16-scf00496	16
AX-158314560	25	2.207	KV453089.1	319268	16-scf00496	16
AX-158314572	25	2.207	KV453089.1	346664	16-scf00496	16
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AX-158314595	25	2.207	KV453089.1	384752	16-scf00496	16
AX-158314597	25	2.207	KV453089.1	387247	16-scf00496	16
AX-157684572	25	2.207	KV453089.1	426079	16-scf00496	16
AX-158314612	25	2.207	KV453089.1	451027	16-scf00496	16
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AX-157847636	25	2.207	KV453089.1	487432	16-scf00496	16
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AX-158314644	25	2.207	KV453089.1	515712	16-scf00496	16
AX-158314656	25	2.207	KV453089.1	534092	16-scf00496	16
AX-158314659	25	2.207	KV453089.1	536516	16-scf00496	16
AX-157775613	25	2.207	KV453089.1	563218	16-scf00496	16
AX-157861364	25	2.207	KV453089.1	594172	16-scf00496	16
AX-158314687	25	2.207	KV453089.1	603222	16-scf00496	16
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AX-157770694	25	2.207	KV453089.1	618153	16-scf00496	16
AX-157708698	25	2.207	KV453089.1	618571	16-scf00496	16
AX-158314700	25	2.207	KV453089.1	632022	16-scf00496	16
AX-157718166	25	2.207	KV453089.1	633879	16-scf00496	16
AX-157847652	25	2.207	KV453089.1	636964	16-scf00496	16
AX-158314704	25	2.207	KV453089.1	644932	16-scf00496	16
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AX-158314705	25	2.207	KV453089.1	650503	16-scf00496	16
AX-158314706	25	2.207	KV453089.1	652761	16-scf00496	16
AX-158314708	25	2.207	KV453089.1	657026	16-scf00496	16
AX-158314710	25	2.207	KV453089.1	660046	16-scf00496	16
AX-157847659	25	2.207	KV453089.1	660465	16-scf00496	16
AX-158314711	25	2.207	KV453089.1	661011	16-scf00496	16

AX-158314712	25	2.207	KV453089.1	661489	16-scf00496	16
AX-158314714	25	2.207	KV453089.1	665389	16-scf00496	16
AX-158314715	25	2.207	KV453089.1	666820	16-scf00496	16
AX-158314718	25	2.207	KV453089.1	673051	16-scf00496	16
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AX-158314722	25	2.207	KV453089.1	681379	16-scf00496	16
AX-158314723	25	2.207	KV453089.1	683463	16-scf00496	16
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AX-158314727	25	2.207	KV453089.1	690549	16-scf00496	16
AX-157847664	25	2.207	KV453089.1	745203	16-scf00496	16
AX-158314785	25	2.207	KV453089.1	788889	16-scf00496	16
AX-157847671	25	2.207	KV453089.1	815074	16-scf00496	16
AX-158314822	25	2.207	KV453089.1	840382	16-scf00496	16
AX-158314824	25	2.207	KV453089.1	843128	16-scf00496	16
AX-157706229	25	2.207	3ML01031862	672	scf07483_1	UN
AX-157707205	25	2.207	3ML01033733	276	scf09396_1	UN
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AX-157716038	25	2.316	KV453089.1	704286	16-scf00496	16
AX-157758330	25	2.316	KV453089.1	706424	16-scf00496	16
AX-158314735	25	2.316	KV453089.1	707481	16-scf00496	16
AX-158314736	25	2.316	KV453089.1	707655	16-scf00496	16
AX-158314740	25	2.316	KV453089.1	716951	16-scf00496	16
AX-157847661	25	2.316	KV453089.1	723257	16-scf00496	16
AX-158314742	25	2.316	KV453089.1	724656	16-scf00496	16
AX-158314743	25	2.316	KV453089.1	725250	16-scf00496	16
AX-158314744	25	2.316	KV453089.1	726052	16-scf00496	16
AX-158314751	25	2.316	KV453089.1	737504	16-scf00496	16
AX-158314752	25	2.316	KV453089.1	737823	16-scf00496	16
AX-158314753	25	2.316	KV453089.1	738090	16-scf00496	16
AX-158314755	25	2.316	KV453089.1	739733	16-scf00496	16
AX-158314763	25	2.316	KV453089.1	758340	16-scf00496	16
AX-158314772	25	2.316	KV453089.1	772773	16-scf00496	16
AX-158314777	25	2.316	KV453089.1	777745	16-scf00496	16
AX-158314833	25	2.316	KV453089.1	856236	16-scf00496	16
AX-157881233	25	2.316	KV453089.1	861760	16-scf00496	16
AX-157698712	25	2.316	FI859812.1	440	IORI212 Ictalu	UN
AX-158314780	25	2.35	KV453089.1	780519	16-scf00496	16
AX-157873555	25	2.426	KV453089.1	138051	16-scf00496	16
AX-158314518	25	2.426	KV453089.1	239453	16-scf00496	16
AX-157867791	25	2.426	KV453089.1	296519	16-scf00496	16
AX-158314546	25	2.426	KV453089.1	296984	16-scf00496	16
AX-158314598	25	2.426	KV453089.1	388559	16-scf00496	16
AX-158314724	25	2.426	KV453089.1	686257	16-scf00496	16
AX-158314734	25	2.426	KV453089.1	700545	16-scf00496	16
AX-158314782	25	2.426	KV453089.1	783782	16-scf00496	16
AX-158314784	25	2.426	KV453089.1	786375	16-scf00496	16
AX-157749668	25	2.426	KV453089.1	792489	16-scf00496	16
AX-158314788	25	2.426	KV453089.1	795609	16-scf00496	16
AX-158314789	25	2.426	KV453089.1	796493	16-scf00496	16
AX-158314790	25	2.426	KV453089.1	796918	16-scf00496	16
AX-158314791	25	2.426	KV453089.1	798746	16-scf00496	16

AX-158418124	25	2.426	KV453089.1	804103	16-scf00496	16
AX-158314793	25	2.426	KV453089.1	807449	16-scf00496	16
AX-158314794	25	2.426	KV453089.1	807951	16-scf00496	16
AX-158387806	25	2.426	KV453089.1	810031	16-scf00496	16
AX-157861369	25	2.426	KV453089.1	810860	16-scf00496	16
AX-157696160	25	2.426	KV453089.1	812089	16-scf00496	16
AX-158314802	25	2.426	KV453089.1	813555	16-scf00496	16
AX-157847670	25	2.426	KV453089.1	814845	16-scf00496	16
AX-158314804	25	2.426	KV453089.1	818227	16-scf00496	16
AX-158314807	25	2.426	KV453089.1	821118	16-scf00496	16
AX-158314808	25	2.426	KV453089.1	823543	16-scf00496	16
AX-158314809	25	2.426	KV453089.1	824401	16-scf00496	16
AX-157847672	25	2.426	KV453089.1	825364	16-scf00496	16
AX-158314810	25	2.426	KV453089.1	826162	16-scf00496	16
AX-157873558	25	2.426	KV453089.1	827194	16-scf00496	16
AX-157739463	25	2.426	KV453089.1	828968	16-scf00496	16
AX-158314815	25	2.426	KV453089.1	829485	16-scf00496	16
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AX-158314821	25	2.426	KV453089.1	836338	16-scf00496	16
AX-158314823	25	2.426	KV453089.1	840855	16-scf00496	16
AX-157707136	25	2.426	3ML01033575	431	scf09231_1	UN
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AX-158314837	25	2.753	KV453089.1	860989	16-scf00496	16
AX-158314844	25	3.082	KV453089.1	873991	16-scf00496	16
AX-158314846	25	3.082	KV453089.1	876506	16-scf00496	16
AX-157847674	25	3.117	KV453089.1	880209	16-scf00496	16
AX-157888287	25	3.153	KV453089.1	884948	16-scf00496	16
AX-158314856	25	3.192	KV453089.1	888798	16-scf00496	16
AX-158314859	25	3.206	KV453089.1	893669	16-scf00496	16
AX-158314828	25	3.318	KV453089.1	850312	16-scf00496	16
AX-158314830	25	3.318	KV453089.1	851125	16-scf00496	16
AX-158314838	25	3.318	KV453089.1	862264	16-scf00496	16
AX-158314840	25	3.318	KV453089.1	863857	16-scf00496	16
AX-158314850	25	3.318	KV453089.1	882635	16-scf00496	16
AX-158314860	25	3.318	KV453089.1	894376	16-scf00496	16
AX-157715075	25	3.318	KV453089.1	900955	16-scf00496	16
AX-158314864	25	3.318	KV453089.1	902183	16-scf00496	16
AX-158314865	25	3.318	KV453089.1	904593	16-scf00496	16
AX-158314871	25	3.318	KV453089.1	916362	16-scf00496	16
AX-157684578	25	3.574	KV453089.1	405602	16-scf00496	16
AX-158314664	25	3.574	KV453089.1	547330	16-scf00496	16
AX-158314726	25	3.574	KV453089.1	689372	16-scf00496	16
AX-158314749	25	3.574	KV453089.1	730089	16-scf00496	16
AX-158314841	25	3.574	KV453089.1	864499	16-scf00496	16
AX-158314853	25	3.574	KV453089.1	885018	16-scf00496	16
AX-157888288	25	3.574	KV453089.1	908377	16-scf00496	16
AX-157847681	25	3.64	KV453089.1	917633	16-scf00496	16
AX-158314872	25	3.641	KV453089.1	918236	16-scf00496	16
AX-157748530	25	3.746	KV453089.1	911462	16-scf00496	16
AX-157713896	25	3.746	KV453089.1	920972	16-scf00496	16
AX-158314875	25	3.961	KV453089.1	928414	16-scf00496	16

AX-158314876	25	3.961	KV453089.1	929050	16-scf00496	16
AX-158381414	25	3.961	KV453089.1	929181	16-scf00496	16
AX-157715340	25	3.961	KV453089.1	929944	16-scf00496	16
AX-158314877	25	3.961	KV453089.1	930504	16-scf00496	16
AX-158314879	25	4.222	KV453089.1	935260	16-scf00496	16
AX-158314885	25	4.222	KV453089.1	948772	16-scf00496	16
AX-158314881	25	4.223	KV453089.1	937317	16-scf00496	16
AX-158314882	25	4.223	KV453089.1	937775	16-scf00496	16
AX-157716710	25	4.223	KV453089.1	940578	16-scf00496	16
AX-158314884	25	4.223	KV453089.1	942172	16-scf00496	16
AX-157710411	25	4.223	KV453089.1	942456	16-scf00496	16
AX-157881234	25	4.223	KV453089.1	948717	16-scf00496	16
AX-158314891	25	4.615	KV453089.1	958934	16-scf00496	16
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AX-158314895	25	4.615	KV453089.1	963636	16-scf00496	16
AX-158314896	25	4.615	KV453089.1	968072	16-scf00496	16
AX-158314897	25	4.616	KV453089.1	971790	16-scf00496	16
AX-158314898	25	4.942	KV453089.1	974678	16-scf00496	16
AX-158314907	25	4.942	KV453089.1	992014	16-scf00496	16
AX-158314900	25	4.943	KV453089.1	980575	16-scf00496	16
AX-158314901	25	4.944	KV453089.1	981285	16-scf00496	16
AX-158314903	25	4.944	KV453089.1	984513	16-scf00496	16
AX-158314904	25	5.123	KV453089.1	985538	16-scf00496	16
AX-158314905	25	5.271	KV453089.1	986389	16-scf00496	16
AX-157751458	25	5.271	KV453089.1	987115	16-scf00496	16
AX-157746080	25	5.271	KV453089.1	990162	16-scf00496	16
AX-158314906	25	5.271	KV453089.1	991382	16-scf00496	16
AX-157716526	25	5.271	KV453089.1	993361	16-scf00496	16
AX-158314909	25	5.271	KV453089.1	994180	16-scf00496	16
AX-158314910	25	5.271	KV453089.1	995002	16-scf00496	16
AX-158314912	25	5.271	KV453089.1	996101	16-scf00496	16
AX-158314914	25	5.271	KV453089.1	998602	16-scf00496	16
AX-158314916	25	5.271	KV453089.1	1001226	16-scf00496	16
AX-157861372	25	5.271	KV453089.1	1004599	16-scf00496	16
AX-157861373	25	5.271	KV453089.1	1004779	16-scf00496	16
AX-157699299	25	5.271	KV453089.1	1005779	16-scf00496	16
AX-158314918	25	5.271	KV453089.1	1007654	16-scf00496	16
AX-157847685	25	5.271	KV453089.1	1008702	16-scf00496	16
AX-158314920	25	5.271	KV453089.1	1012742	16-scf00496	16
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AX-158314926	25	5.271	KV453089.1	1026159	16-scf00496	16
AX-158314927	25	5.271	KV453089.1	1026803	16-scf00496	16
AX-157748241	25	5.271	KV453089.1	1031375	16-scf00496	16
AX-157847686	25	5.271	KV453089.1	1032115	16-scf00496	16
AX-158314934	25	5.271	KV453089.1	1033451	16-scf00496	16
AX-158314935	25	5.271	KV453089.1	1037550	16-scf00496	16
AX-158314936	25	5.271	KV453089.1	1037864	16-scf00496	16

AX-158314929	25	5.491	KV453089.1	1029832	16-scf00496	16
AX-157888290	25	5.706	KV453089.1	1045888	16-scf00496	16
AX-158314939	25	5.707	KV453089.1	1048095	16-scf00496	16
AX-158314938	25	5.709	KV453089.1	1045374	16-scf00496	16
AX-158314940	25	5.709	KV453089.1	1048959	16-scf00496	16
AX-157714893	25	5.709	KV453089.1	1049327	16-scf00496	16
AX-158314942	25	5.709	KV453089.1	1053102	16-scf00496	16
AX-158314943	25	5.709	KV453089.1	1053473	16-scf00496	16
AX-158314944	25	5.709	KV453089.1	1053829	16-scf00496	16
AX-158314945	25	5.709	KV453089.1	1055027	16-scf00496	16
AX-157888292	25	5.709	KV453089.1	1057844	16-scf00496	16
AX-157847688	25	5.709	KV453089.1	1058450	16-scf00496	16
AX-157713680	25	5.709	KV453089.1	1062135	16-scf00496	16
AX-158314947	25	5.709	KV453089.1	1067779	16-scf00496	16
AX-157742261	25	5.709	KV453089.1	1068800	16-scf00496	16
AX-158314951	25	5.927	KV453089.1	1074883	16-scf00496	16
AX-158381416	25	6.146	KV453089.1	1075651	16-scf00496	16
AX-157721562	25	6.146	KV453089.1	1078008	16-scf00496	16
AX-158314955	25	6.146	KV453089.1	1079559	16-scf00496	16
AX-158314956	25	6.146	KV453089.1	1080067	16-scf00496	16
AX-157847692	25	6.146	KV453089.1	1081535	16-scf00496	16
AX-158314957	25	6.146	KV453089.1	1082100	16-scf00496	16
AX-157847694	25	6.529	KV453089.1	1098463	16-scf00496	16
AX-157743294	25	6.529	KV453089.1	1099391	16-scf00496	16
AX-158314963	25	6.657	KV453089.1	1100826	16-scf00496	16
AX-158314964	25	6.657	KV453089.1	1101923	16-scf00496	16
AX-157758926	25	6.912	KV453089.1	1106482	16-scf00496	16
AX-158418133	25	6.912	KV453089.1	1107978	16-scf00496	16
AX-158314967	25	6.912	KV453089.1	1109451	16-scf00496	16
AX-158314949	25	7.022	KV453089.1	1071539	16-scf00496	16
AX-158314965	25	7.022	KV453089.1	1103014	16-scf00496	16
AX-158314968	25	7.022	KV453089.1	1110768	16-scf00496	16
AX-157727023	25	7.022	KV453089.1	1115008	16-scf00496	16
AX-158314972	25	7.022	KV453089.1	1122657	16-scf00496	16
AX-158314974	25	7.022	KV453089.1	1125753	16-scf00496	16
AX-158314976	25	7.022	KV453089.1	1126947	16-scf00496	16
AX-157749837	25	7.022	KV453089.1	1129360	16-scf00496	16
AX-158314977	25	7.022	KV453089.1	1132076	16-scf00496	16
AX-158314978	25	7.022	KV453089.1	1133041	16-scf00496	16
AX-158314984	25	7.022	KV453089.1	1139211	16-scf00496	16
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AX-158314986	25	7.022	KV453089.1	1143112	16-scf00496	16
AX-158314987	25	7.022	KV453089.1	1144321	16-scf00496	16
AX-158314988	25	7.022	KV453089.1	1146623	16-scf00496	16
AX-157847699	25	7.022	KV453089.1	1146903	16-scf00496	16
AX-158314989	25	7.022	KV453089.1	1147023	16-scf00496	16
AX-157738647	25	7.022	KV453089.1	1148117	16-scf00496	16
AX-157864034	25	7.022	KV453089.1	1151913	16-scf00496	16
AX-158314994	25	7.022	KV453089.1	1152029	16-scf00496	16
AX-157847703	25	7.022	KV453089.1	1156245	16-scf00496	16
AX-157737955	25	7.022	KV453089.1	1157084	16-scf00496	16

AX-158314997	25	7.022	KV453089.1	1158419	16-scf00496	16
AX-158314998	25	7.022	KV453089.1	1158827	16-scf00496	16
AX-157847704	25	7.022	KV453089.1	1160139	16-scf00496	16
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AX-157721139	25	7.022	KV453089.1	1163508	16-scf00496	16
AX-157847706	25	7.022	KV453089.1	1163867	16-scf00496	16
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AX-157747888	25	7.022	KV453089.1	1167869	16-scf00496	16
AX-158315002	25	7.022	KV453089.1	1169864	16-scf00496	16
AX-158315003	25	7.022	KV453089.1	1170464	16-scf00496	16
AX-157888296	25	7.022	KV453089.1	1172513	16-scf00496	16
AX-158315010	25	7.022	KV453089.1	1179297	16-scf00496	16
AX-157710371	25	7.022	KV453089.1	1182621	16-scf00496	16
AX-158315013	25	7.022	KV453089.1	1183800	16-scf00496	16
AX-158315019	25	7.022	KV453089.1	1192014	16-scf00496	16
AX-158315022	25	7.022	KV453089.1	1196876	16-scf00496	16
AX-158315048	25	7.022	KV453089.1	1236587	16-scf00496	16
AX-157750385	25	7.022	KV453089.1	1262465	16-scf00496	16
AX-158315012	25	7.064	KV453089.1	1183229	16-scf00496	16
AX-157847707	25	7.107	KV453089.1	1185150	16-scf00496	16
AX-158315021	25	7.147	KV453089.1	1193427	16-scf00496	16
AX-157753070	25	7.398	KV453089.1	1223272	16-scf00496	16
AX-158315038	25	7.398	KV453089.1	1224544	16-scf00496	16
AX-158315039	25	7.398	KV453089.1	1225029	16-scf00496	16
AX-158315044	25	7.398	KV453089.1	1233361	16-scf00496	16
AX-158315041	25	7.566	KV453089.1	1227313	16-scf00496	16
AX-158315042	25	7.621	KV453089.1	1228887	16-scf00496	16
AX-158315065	25	7.621	KV453089.1	1256841	16-scf00496	16
AX-158315080	25	7.621	KV453089.1	1282163	16-scf00496	16
AX-158315043	25	7.734	KV453089.1	1232404	16-scf00496	16
AX-158315046	25	7.734	KV453089.1	1234805	16-scf00496	16
AX-158315047	25	7.734	KV453089.1	1236073	16-scf00496	16
AX-158315050	25	7.734	KV453089.1	1237500	16-scf00496	16
AX-158315051	25	7.892	KV453089.1	1239609	16-scf00496	16
AX-158315052	25	7.894	KV453089.1	1240242	16-scf00496	16
AX-158315055	25	7.898	KV453089.1	1243800	16-scf00496	16
AX-158315056	25	7.898	KV453089.1	1244330	16-scf00496	16
AX-158315060	25	7.898	KV453089.1	1252945	16-scf00496	16
AX-158315061	25	7.898	KV453089.1	1254342	16-scf00496	16
AX-158315062	25	7.898	KV453089.1	1254628	16-scf00496	16
AX-158315064	25	7.913	KV453089.1	1256064	16-scf00496	16
AX-158315073	25	8.169	KV453089.1	1270173	16-scf00496	16
AX-158423656	25	8.169	KV453089.1	1273814	16-scf00496	16
AX-158423657	25	8.169	KV453089.1	1274226	16-scf00496	16
AX-158315077	25	8.169	KV453089.1	1277860	16-scf00496	16
AX-158418139	25	8.246	KV453089.1	1272728	16-scf00496	16
AX-158315078	25	8.246	KV453089.1	1281072	16-scf00496	16
AX-158315086	25	8.301	KV453089.1	1289902	16-scf00496	16
AX-158315087	25	8.445	KV453089.1	1290534	16-scf00496	16
AX-158315088	25	8.445	KV453089.1	1292388	16-scf00496	16
AX-158315089	25	8.445	KV453089.1	1293787	16-scf00496	16

AX-157847710	25	8.445	KV453089.1	1294260	16-scf00496	16
AX-158315094	25	8.445	KV453089.1	1303574	16-scf00496	16
AX-158315090	25	8.446	KV453089.1	1294648	16-scf00496	16
AX-158315096	25	8.573	KV453089.1	1305027	16-scf00496	16
AX-158315099	25	8.573	KV453089.1	1308188	16-scf00496	16
AX-158315098	25	8.772	KV453089.1	1306201	16-scf00496	16
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AX-158315054	25	8.773	KV453089.1	1243081	16-scf00496	16
AX-158315101	25	8.773	KV453089.1	1311164	16-scf00496	16
AX-158315102	25	8.773	KV453089.1	1315277	16-scf00496	16
AX-158315104	25	8.773	KV453089.1	1316319	16-scf00496	16
AX-158315107	25	8.773	KV453089.1	1318072	16-scf00496	16
AX-158315109	25	8.773	KV453089.1	1321222	16-scf00496	16
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AX-158315113	25	9.144	KV453089.1	1331510	16-scf00496	16
AX-158315117	25	9.145	KV453089.1	1335260	16-scf00496	16
AX-157774558	25	9.153	KV453089.1	1338788	16-scf00496	16
AX-158315120	25	9.153	KV453089.1	1340986	16-scf00496	16
AX-157881238	25	9.31	KV453089.1	1344387	16-scf00496	16
AX-158315145	25	9.31	KV453089.1	1378320	16-scf00496	16
AX-157847714	25	9.648	KV453089.1	1349039	16-scf00496	16
AX-157847715	25	9.648	KV453089.1	1350402	16-scf00496	16
AX-158315124	25	9.648	KV453089.1	1351544	16-scf00496	16
AX-158315126	25	9.648	KV453089.1	1353238	16-scf00496	16
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AX-158315136	25	9.648	KV453089.1	1367880	16-scf00496	16
AX-158315140	25	9.648	KV453089.1	1371415	16-scf00496	16
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AX-158315174	25	9.648	KV453089.1	1416427	16-scf00496	16
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AX-158315179	25	9.648	KV453089.1	1426530	16-scf00496	16
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AX-158315148	25	9.838	KV453089.1	1379243	16-scf00496	16
AX-158315149	25	9.864	KV453089.1	1380060	16-scf00496	16
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AX-158315153	25	9.866	KV453089.1	1387871	16-scf00496	16
AX-158315156	25	9.868	KV453089.1	1391598	16-scf00496	16

AX-158315159	25	9.868	KV453089.1	1396229	16-scf00496	16
AX-158315160	25	9.868	KV453089.1	1396746	16-scf00496	16
AX-158315161	25	9.868	KV453089.1	1397120	16-scf00496	16
AX-158315169	25	10.194	KV453089.1	1408380	16-scf00496	16
AX-158315170	25	10.194	KV453089.1	1410022	16-scf00496	16
AX-158315171	25	10.194	KV453089.1	1412456	16-scf00496	16
AX-158315172	25	10.194	KV453089.1	1413355	16-scf00496	16
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AX-158315177	25	10.194	KV453089.1	1422366	16-scf00496	16
AX-158315178	25	10.194	KV453089.1	1422570	16-scf00496	16
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AX-157724029	25	10.275	KV453089.1	1427005	16-scf00496	16
AX-158315162	25	10.303	KV453089.1	1397533	16-scf00496	16
AX-158315183	25	10.303	KV453089.1	1429252	16-scf00496	16
AX-158315186	25	10.303	KV453089.1	1431197	16-scf00496	16
AX-158315188	25	10.303	KV453089.1	1434709	16-scf00496	16
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AX-158315190	25	10.303	KV453089.1	1437797	16-scf00496	16
AX-158315204	25	10.303	KV453089.1	1462752	16-scf00496	16
AX-158315271	25	10.303	KV453089.1	1581672	16-scf00496	16
AX-157710271	25	10.577	KV453089.1	1441699	16-scf00496	16
AX-157867806	25	10.577	KV453089.1	1444526	16-scf00496	16
AX-158315193	25	10.577	KV453089.1	1446842	16-scf00496	16
AX-158315195	25	10.577	KV453089.1	1448819	16-scf00496	16
AX-158315197	25	10.577	KV453089.1	1450202	16-scf00496	16
AX-158315198	25	10.577	KV453089.1	1450670	16-scf00496	16
AX-158418146	25	10.706	KV453089.1	1456833	16-scf00496	16
AX-158315202	25	10.847	KV453089.1	1460130	16-scf00496	16
AX-158315206	25	10.85	KV453089.1	1467919	16-scf00496	16
AX-158315207	25	10.85	KV453089.1	1469749	16-scf00496	16
AX-158315208	25	10.85	KV453089.1	1470152	16-scf00496	16
AX-158315209	25	10.85	KV453089.1	1472846	16-scf00496	16
AX-158315218	25	10.85	KV453089.1	1489683	16-scf00496	16
AX-158315210	25	10.868	KV453089.1	1476253	16-scf00496	16
AX-158315211	25	10.879	KV453089.1	1478076	16-scf00496	16
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AX-158315219	25	10.959	KV453089.1	1490946	16-scf00496	16
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AX-158315231	25	11.287	KV453089.1	1517909	16-scf00496	16

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AX-158315233	25	11.287	KV453089.1	1530661	16-scf00496	16
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AX-158315235	25	11.287	KV453089.1	1534591	16-scf00496	16
AX-158315238	25	11.287	KV453089.1	1537183	16-scf00496	16
AX-158315240	25	11.287	KV453089.1	1539718	16-scf00496	16
AX-158315243	25	11.287	KV453089.1	1543110	16-scf00496	16
AX-158315232	25	11.426	KV453089.1	1528426	16-scf00496	16
AX-158315244	25	11.426	KV453089.1	1544998	16-scf00496	16
AX-157847735	25	11.529	KV453089.1	1546616	16-scf00496	16
AX-158315245	25	11.529	KV453089.1	1547233	16-scf00496	16
AX-157747947	25	11.529	KV453089.1	1550088	16-scf00496	16
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AX-158315251	25	11.529	KV453089.1	1555339	16-scf00496	16
AX-158315252	25	11.529	KV453089.1	1556839	16-scf00496	16
AX-158315257	25	11.529	KV453089.1	1559253	16-scf00496	16
AX-158315269	25	12.006	KV453089.1	1576720	16-scf00496	16
AX-158315270	25	12.094	KV453089.1	1580112	16-scf00496	16
AX-158315273	25	12.252	KV453089.1	1586734	16-scf00496	16
AX-158315279	25	12.41	KV453089.1	1593634	16-scf00496	16
AX-157717829	25	12.41	KV453089.1	1595170	16-scf00496	16
AX-158315284	25	12.41	KV453089.1	1603683	16-scf00496	16
AX-157847742	25	12.41	KV453089.1	1604124	16-scf00496	16
AX-157719452	25	12.535	KV453089.1	1597576	16-scf00496	16
AX-157771440	25	12.547	KV453089.1	1596967	16-scf00496	16
AX-158315281	25	12.547	KV453089.1	1600550	16-scf00496	16
AX-157757312	25	12.547	KV453089.1	1603502	16-scf00496	16
AX-157726685	25	12.547	KV453089.1	1604504	16-scf00496	16
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AX-158315286	25	12.791	KV453089.1	1611258	16-scf00496	16
AX-158315287	25	12.817	KV453089.1	1611760	16-scf00496	16
AX-158315290	25	12.817	KV453089.1	1619267	16-scf00496	16
AX-158315291	25	12.912	KV453089.1	1623784	16-scf00496	16
AX-158315292	25	12.912	KV453089.1	1624695	16-scf00496	16
AX-158315295	25	12.912	KV453089.1	1626820	16-scf00496	16
AX-158315297	25	13.082	KV453089.1	1632794	16-scf00496	16
AX-157772129	25	13.082	KV453089.1	1634812	16-scf00496	16
AX-157751095	25	13.342	KV453089.1	1638081	16-scf00496	16
AX-158315298	25	13.346	KV453089.1	1637333	16-scf00496	16
AX-158315299	25	13.346	KV453089.1	1638916	16-scf00496	16
AX-158315300	25	13.346	KV453089.1	1639306	16-scf00496	16
AX-158315301	25	13.346	KV453089.1	1639907	16-scf00496	16
AX-158315303	25	13.346	KV453089.1	1642286	16-scf00496	16
AX-158315304	25	13.346	KV453089.1	1642372	16-scf00496	16
AX-158315308	25	13.346	KV453089.1	1647888	16-scf00496	16
AX-158315309	25	13.347	KV453089.1	1648540	16-scf00496	16
AX-158315310	25	13.348	KV453089.1	1651303	16-scf00496	16
AX-158315311	25	13.407	KV453089.1	1652333	16-scf00496	16
AX-158315313	25	13.599	KV453089.1	1653652	16-scf00496	16

AX-158315314	25	13.599	KV453089.1	1654104	16-scf00496	16
AX-158315315	25	13.599	KV453089.1	1654792	16-scf00496	16
AX-157751845	25	13.84	KV453089.1	1655717	16-scf00496	16
AX-158315316	25	13.844	KV453089.1	1655165	16-scf00496	16
AX-157773515	25	13.844	KV453089.1	1656525	16-scf00496	16
AX-158315320	25	13.844	KV453089.1	1660040	16-scf00496	16
AX-158315318	25	13.848	KV453089.1	1658048	16-scf00496	16
AX-158315321	25	14.035	KV453089.1	1660810	16-scf00496	16
AX-158315325	25	14.035	KV453089.1	1669530	16-scf00496	16
AX-158315327	25	14.047	KV453089.1	1673523	16-scf00496	16
AX-157847743	25	14.602	KV453089.1	1678583	16-scf00496	16
AX-158315332	25	14.62	KV453089.1	1680157	16-scf00496	16
AX-157752058	25	14.62	KV453089.1	1682110	16-scf00496	16
AX-157702421	25	14.737	KV453089.1	1683133	16-scf00496	16
AX-158315334	25	14.781	KV453089.1	1683215	16-scf00496	16
AX-158419903	25	14.824	KV453089.1	1684329	16-scf00496	16
AX-157721511	25	14.933	KV453089.1	1691851	16-scf00496	16
AX-158315338	25	15.128	KV453089.1	1692484	16-scf00496	16
AX-158315341	25	15.521	KV453089.1	1698649	16-scf00496	16
AX-158315343	25	15.523	KV453089.1	1701020	16-scf00496	16
AX-157740800	25	15.523	KV453089.1	1702567	16-scf00496	16
AX-158315345	25	15.523	KV453089.1	1705173	16-scf00496	16
AX-158315346	25	15.523	KV453089.1	1706084	16-scf00496	16
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AX-158315350	25	15.886	KV453089.1	1712294	16-scf00496	16
AX-158315351	25	15.886	KV453089.1	1712699	16-scf00496	16
AX-158315352	25	15.886	KV453089.1	1713231	16-scf00496	16
AX-157710118	25	15.886	KV453089.1	1717015	16-scf00496	16
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AX-157771819	25	15.886	KV453089.1	1723855	16-scf00496	16
AX-158315361	25	15.886	KV453089.1	1724885	16-scf00496	16
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AX-158315373	25	16.524	KV453089.1	1737746	16-scf00496	16
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AX-158315377	25	16.588	KV453089.1	1740551	16-scf00496	16
AX-158315372	25	16.651	KV453089.1	1736603	16-scf00496	16
AX-158315378	25	16.651	KV453089.1	1745223	16-scf00496	16
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AX-158315381	25	16.651	KV453089.1	1747919	16-scf00496	16
AX-158315385	25	16.688	KV453089.1	1751584	16-scf00496	16
AX-158315375	25	16.71	KV453089.1	1739370	16-scf00496	16
AX-157847745	25	16.71	KV453089.1	1754994	16-scf00496	16
AX-158419905	25	16.71	KV453089.1	1758719	16-scf00496	16

AX-158315388	25	16.761	KV453089.1	1755181	16-scf00496	16
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AX-158315396	25	17.307	KV453089.1	1769397	16-scf00496	16
AX-158315399	25	17.307	KV453089.1	1771831	16-scf00496	16
AX-158315403	25	17.307	KV453089.1	1775291	16-scf00496	16
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AX-158315422	25	17.897	KV453089.1	1801857	16-scf00496	16
AX-158315424	25	17.898	KV453089.1	1804867	16-scf00496	16
AX-157751052	25	17.898	KV453089.1	1806636	16-scf00496	16
AX-158315425	25	17.898	KV453089.1	1808764	16-scf00496	16
AX-158315428	25	17.898	KV453089.1	1812371	16-scf00496	16
AX-158315434	25	17.898	KV453089.1	1819321	16-scf00496	16
AX-158315430	25	17.964	KV453089.1	1815536	16-scf00496	16
AX-158315431	25	18.044	KV453089.1	1816250	16-scf00496	16
AX-158315432	25	18.134	KV453089.1	1817466	16-scf00496	16
AX-158315433	25	18.134	KV453089.1	1819283	16-scf00496	16
AX-158315436	25	18.134	KV453089.1	1823107	16-scf00496	16
AX-157707295	25	18.134	3ML01033941	406	scf09610_1	UN
AX-158315437	25	18.198	KV453089.1	1824666	16-scf00496	16
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AX-158381422	25	18.469	KV453089.1	1829422	16-scf00496	16
AX-158315445	25	18.777	KV453089.1	1834206	16-scf00496	16
AX-157757233	25	18.795	KV453089.1	1835166	16-scf00496	16
AX-158315449	25	18.795	KV453089.1	1843703	16-scf00496	16
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AX-158315452	25	19.149	KV453089.1	1848030	16-scf00496	16
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AX-158315479	25	20.102	KV453089.1	1875097	16-scf00496	16
AX-158315481	25	20.268	KV453089.1	1877507	16-scf00496	16
AX-158315482	25	20.268	KV453089.1	1878227	16-scf00496	16
AX-158315484	25	20.433	KV453089.1	1883056	16-scf00496	16

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AX-158315488	25	20.433	KV453089.1	1885399	16-scf00496	16
AX-158315491	25	20.433	KV453089.1	1887926	16-scf00496	16
AX-158315494	25	20.433	KV453089.1	1891488	16-scf00496	16
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AX-158315505	25	21.26	KV453089.1	1905609	16-scf00496	16
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AX-158315510	25	21.26	KV453089.1	1916480	16-scf00496	16
AX-158315513	25	21.26	KV453089.1	1922329	16-scf00496	16
AX-158315511	25	21.261	KV453089.1	1917200	16-scf00496	16
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AX-157847747	25	21.478	KV453089.1	1918352	16-scf00496	16
AX-158315512	25	21.493	KV453089.1	1921438	16-scf00496	16
AX-157867809	25	21.507	KV453089.1	1923510	16-scf00496	16
AX-158315515	25	21.54	KV453089.1	1926102	16-scf00496	16
AX-158315516	25	22.008	KV453089.1	1927282	16-scf00496	16
AX-158315518	25	22.008	KV453089.1	1929077	16-scf00496	16
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AX-158315519	25	22.009	KV453089.1	1929939	16-scf00496	16
AX-158403776	25	22.359	FI870073.1	586	ORI212 lctalu	UN
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AX-158315525	25	22.465	KV453089.1	1949494	16-scf00496	16
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AX-157888303	25	22.706	KV453089.1	1948802	16-scf00496	16
AX-158315526	25	22.707	KV453089.1	1950057	16-scf00496	16
AX-158315528	25	22.709	KV453089.1	1953193	16-scf00496	16
AX-158315530	25	22.736	KV453089.1	1956378	16-scf00496	16
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AX-157725871	25	22.871	KV453089.1	1964676	16-scf00496	16
AX-158315534	25	22.994	KV453089.1	1965213	16-scf00496	16
AX-158315567	25	22.994	KV453089.1	2005067	16-scf00496	16
AX-158315537	25	23.119	KV453089.1	1966763	16-scf00496	16
AX-157881254	25	23.121	KV453089.1	1970587	16-scf00496	16
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AX-158315547	25	23.124	KV453089.1	1983913	16-scf00496	16
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AX-158315541	25	23.126	KV453089.1	1971022	16-scf00496	16
AX-157756524	25	23.126	KV453089.1	1971645	16-scf00496	16
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AX-158315551	25	23.126	KV453089.1	1986725	16-scf00496	16
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AX-158315555	25	23.126	KV453089.1	1991320	16-scf00496	16
AX-158315557	25	23.126	KV453089.1	1993003	16-scf00496	16
AX-158315558	25	23.126	KV453089.1	1994104	16-scf00496	16
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AX-158315559	25	23.126	KV453089.1	1995162	16-scf00496	16
AX-158315562	25	23.126	KV453089.1	1999451	16-scf00496	16

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AX-158315582	25	23.4	KV453089.1	2032188	16-scf00496	16
AX-158315584	25	23.4	KV453089.1	2036431	16-scf00496	16
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AX-158315594	25	23.4	KV453089.1	2052881	16-scf00496	16
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AX-157697851	25	23.4	KV453089.1	2521653	16-scf00496	16
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AX-158315592	25	23.537	KV453089.1	2051359	16-scf00496	16
AX-158315593	25	23.67	KV453089.1	2052211	16-scf00496	16
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AX-158315604	25	23.869	KV453089.1	2065233	16-scf00496	16
AX-158315605	25	24	KV453089.1	2065566	16-scf00496	16
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AX-158315616	25	24.001	KV453089.1	2082072	16-scf00496	16
AX-157724766	25	24.001	KV453089.1	2082952	16-scf00496	16
AX-158315617	25	24.001	KV453089.1	2083991	16-scf00496	16
AX-158315624	25	24.001	KV453089.1	2093452	16-scf00496	16
AX-158315630	25	24.001	KV453089.1	2104286	16-scf00496	16
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AX-158315633	25	24.001	KV453089.1	2106816	16-scf00496	16
AX-157718645	25	24.129	KV453089.1	2107526	16-scf00496	16
AX-158315642	25	24.129	KV453089.1	2117621	16-scf00496	16
AX-158315634	25	24.282	KV453089.1	2109153	16-scf00496	16
AX-158315635	25	24.282	KV453089.1	2109648	16-scf00496	16
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AX-158315637	25	24.282	KV453089.1	2111666	16-scf00496	16
AX-158315638	25	24.282	KV453089.1	2112456	16-scf00496	16
AX-158315652	25	24.282	KV453089.1	2127014	16-scf00496	16
AX-158315665	25	24.282	KV453089.1	2143878	16-scf00496	16
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AX-158315620	25	24.283	KV453089.1	2087404	16-scf00496	16
AX-158315631	25	24.283	KV453089.1	2104979	16-scf00496	16
AX-158315640	25	24.283	KV453089.1	2113758	16-scf00496	16
AX-158315643	25	24.283	KV453089.1	2119712	16-scf00496	16
AX-158315644	25	24.283	KV453089.1	2120442	16-scf00496	16
AX-158315649	25	24.283	KV453089.1	2124722	16-scf00496	16
AX-158315650	25	24.283	KV453089.1	2125646	16-scf00496	16
AX-158315653	25	24.283	KV453089.1	2130056	16-scf00496	16
AX-157888307	25	24.283	KV453089.1	2130368	16-scf00496	16
AX-158315667	25	24.601	KV453089.1	2147576	16-scf00496	16
AX-158315671	25	24.772	KV453089.1	2153908	16-scf00496	16
AX-158315674	25	24.978	KV453089.1	2157939	16-scf00496	16
AX-158315675	25	24.982	KV453089.1	2158987	16-scf00496	16
AX-157720436	25	24.986	KV453089.1	2159414	16-scf00496	16
AX-158315679	25	24.986	KV453089.1	2162435	16-scf00496	16
AX-158315680	25	24.986	KV453089.1	2163935	16-scf00496	16
AX-157861382	25	25.041	KV453089.1	2165827	16-scf00496	16
AX-158315684	25	25.095	KV453089.1	2168784	16-scf00496	16
AX-157722400	25	25.095	KV453089.1	2169588	16-scf00496	16
AX-158315685	25	25.095	KV453089.1	2170352	16-scf00496	16
AX-158315688	25	25.095	KV453089.1	2173466	16-scf00496	16
AX-158315694	25	25.095	KV453089.1	2184063	16-scf00496	16
AX-158315730	25	25.095	KV453089.1	2230521	16-scf00496	16
AX-157773214	25	25.259	KV453089.1	2189594	16-scf00496	16
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AX-157710046	25	25.259	KV453089.1	2196565	16-scf00496	16
AX-158315713	25	25.328	KV453089.1	2207491	16-scf00496	16
AX-158315715	25	25.423	KV453089.1	2209835	16-scf00496	16
AX-158315716	25	25.438	KV453089.1	2214434	16-scf00496	16
AX-158315729	25	25.438	KV453089.1	2229752	16-scf00496	16
AX-158315755	25	25.438	KV453089.1	2264106	16-scf00496	16
AX-158315719	25	25.453	KV453089.1	2218743	16-scf00496	16
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AX-158315724	25	25.481	KV453089.1	2224100	16-scf00496	16
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AX-158315727	25	25.489	KV453089.1	2227580	16-scf00496	16
AX-158315738	25	25.489	KV453089.1	2240485	16-scf00496	16
AX-158315676	25	25.496	KV453089.1	2160079	16-scf00496	16
AX-158315770	25	25.496	KV453089.1	2284090	16-scf00496	16
AX-158315732	25	25.511	KV453089.1	2235338	16-scf00496	16
AX-158315740	25	25.511	KV453089.1	2241861	16-scf00496	16
AX-157718500	25	25.532	KV453089.1	2094807	16-scf00496	16
AX-158315690	25	25.532	KV453089.1	2176103	16-scf00496	16
AX-158315698	25	25.532	KV453089.1	2187262	16-scf00496	16
AX-158315734	25	25.532	KV453089.1	2236491	16-scf00496	16
AX-158315735	25	25.532	KV453089.1	2237792	16-scf00496	16
AX-158315736	25	25.532	KV453089.1	2238621	16-scf00496	16
AX-158315739	25	25.532	KV453089.1	2241175	16-scf00496	16
AX-158315743	25	25.532	KV453089.1	2248403	16-scf00496	16
AX-158315744	25	25.532	KV453089.1	2250926	16-scf00496	16
AX-158315746	25	25.532	KV453089.1	2254260	16-scf00496	16

AX-158315747	25	25.532	KV453089.1	2255270	16-scf00496	16
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AX-158315754	25	25.532	KV453089.1	2263123	16-scf00496	16
AX-158315756	25	25.532	KV453089.1	2266801	16-scf00496	16
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AX-158315714	25	25.751	KV453089.1	2208910	16-scf00496	16
AX-158315758	25	25.751	KV453089.1	2269073	16-scf00496	16
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AX-158315788	25	26.912	KV453089.1	2308377	16-scf00496	16
AX-158315789	25	26.912	KV453089.1	2309525	16-scf00496	16
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AX-158315797	25	27.065	KV453089.1	2318917	16-scf00496	16
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AX-158315844	25	27.678	KV453089.1	2374836	16-scf00496	16
AX-158315833	25	27.728	KV453089.1	2366328	16-scf00496	16
AX-157847758	25	27.776	KV453089.1	2364937	16-scf00496	16
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AX-158315854	25	27.874	KV453089.1	2385956	16-scf00496	16
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AX-158315938	25	29.197	KV453089.1	2482453	16-scf00496	16
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AX-158315974	25	30.104	KV453089.1	2532125	16-scf00496	16
AX-158315977	25	30.123	KV453089.1	2534563	16-scf00496	16
AX-158315983	25	30.123	KV453089.1	2541966	16-scf00496	16
AX-158418170	25	30.305	KV453089.1	2544505	16-scf00496	16
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AX-158315995	25	30.958	KV453089.1	2556798	16-scf00496	16
AX-158315998	25	31.19	KV453089.1	2558717	16-scf00496	16
AX-158316002	25	31.191	KV453089.1	2562518	16-scf00496	16
AX-158316005	25	31.191	KV453089.1	2565172	16-scf00496	16
AX-158316010	25	31.191	KV453089.1	2570365	16-scf00496	16
AX-158315969	25	31.348	KV453089.1	2525201	16-scf00496	16
AX-157724147	25	31.348	KV453089.1	2534058	16-scf00496	16
AX-158315987	25	31.348	KV453089.1	2546459	16-scf00496	16
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AX-158316011	25	31.348	KV453089.1	2573595	16-scf00496	16
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AX-158316023	25	31.623	KV453089.1	2592050	16-scf00496	16
AX-158316024	25	31.711	KV453089.1	2592791	16-scf00496	16
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AX-157773926	25	31.711	KV453089.1	2604722	16-scf00496	16
AX-158316034	25	31.788	KV453089.1	2602910	16-scf00496	16
AX-158316035	25	31.894	KV453089.1	2603689	16-scf00496	16
AX-158316036	25	31.894	KV453089.1	2607069	16-scf00496	16
AX-158316037	25	31.894	KV453089.1	2608697	16-scf00496	16
AX-158316038	25	31.894	KV453089.1	2609401	16-scf00496	16
AX-158316042	25	31.894	KV453089.1	2612954	16-scf00496	16
AX-158316044	25	31.894	KV453089.1	2618024	16-scf00496	16
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AX-158316131	25	31.894	KV453089.1	2738463	16-scf00496	16
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AX-158316305	25	31.894	KV453089.1	2977804	16-scf00496	16
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AX-158316045	25	32.169	KV453089.1	2625533	16-scf00496	16
AX-157752639	25	32.169	KV453089.1	2626729	16-scf00496	16
AX-158316052	25	32.169	KV453089.1	2633973	16-scf00496	16
AX-158316056	25	32.169	KV453089.1	2639001	16-scf00496	16
AX-158316057	25	32.306	KV453089.1	2639821	16-scf00496	16
AX-158316059	25	32.306	KV453089.1	2641073	16-scf00496	16
AX-158316061	25	32.306	KV453089.1	2642275	16-scf00496	16
AX-158316070	25	32.306	KV453089.1	2652381	16-scf00496	16
AX-158412482	25	32.433	KV453089.1	2644630	16-scf00496	16
AX-158316064	25	32.44	KV453089.1	2646064	16-scf00496	16
AX-158316067	25	32.44	KV453089.1	2648925	16-scf00496	16
AX-157755363	25	32.44	KV453089.1	2650668	16-scf00496	16
AX-158316095	25	32.44	KV453089.1	2686195	16-scf00496	16
AX-158316076	25	32.516	KV453089.1	2662308	16-scf00496	16
AX-158316208	25	32.516	KV453089.1	2863325	16-scf00496	16
AX-158316301	25	32.516	KV453089.1	2971723	16-scf00496	16
AX-158316077	25	32.55	KV453089.1	2664119	16-scf00496	16
AX-158316078	25	32.55	KV453089.1	2665078	16-scf00496	16
AX-158316080	25	32.55	KV453089.1	2666796	16-scf00496	16
AX-158316082	25	32.55	KV453089.1	2670745	16-scf00496	16
AX-158316083	25	32.55	KV453089.1	2672228	16-scf00496	16
AX-158316087	25	32.55	KV453089.1	2677067	16-scf00496	16
AX-158316088	25	32.55	KV453089.1	2678002	16-scf00496	16
AX-158316089	25	32.816	KV453089.1	2678972	16-scf00496	16
AX-158316090	25	32.816	KV453089.1	2679884	16-scf00496	16

AX-158316091	25	32.816	KV453089.1	2682057	16-scf00496	16
AX-158316092	25	32.816	KV453089.1	2682546	16-scf00496	16
AX-158316097	25	33.165	KV453089.1	2692094	16-scf00496	16
AX-158316101	25	33.206	KV453089.1	2695743	16-scf00496	16
AX-158316104	25	33.206	KV453089.1	2698804	16-scf00496	16
AX-158316106	25	33.206	KV453089.1	2701334	16-scf00496	16
AX-158418172	25	33.206	KV453089.1	2709033	16-scf00496	16
AX-158316110	25	33.206	KV453089.1	2715686	16-scf00496	16
AX-158316111	25	33.222	KV453089.1	2716139	16-scf00496	16
AX-158316147	25	33.222	KV453089.1	2760724	16-scf00496	16
AX-158316148	25	33.222	KV453089.1	2761509	16-scf00496	16
AX-158316193	25	33.222	KV453089.1	2846307	16-scf00496	16
AX-158316112	25	33.271	KV453089.1	2716736	16-scf00496	16
AX-158316135	25	33.271	KV453089.1	2743783	16-scf00496	16
AX-158316198	25	33.271	KV453089.1	2850290	16-scf00496	16
AX-158316107	25	33.315	KV453089.1	2705906	16-scf00496	16
AX-158316118	25	33.315	KV453089.1	2724265	16-scf00496	16
AX-158316121	25	33.315	KV453089.1	2727053	16-scf00496	16
AX-158316122	25	33.315	KV453089.1	2727685	16-scf00496	16
AX-158316129	25	33.315	KV453089.1	2735660	16-scf00496	16
AX-158316179	25	33.315	KV453089.1	2832346	16-scf00496	16
AX-158316144	25	33.329	KV453089.1	2756257	16-scf00496	16
AX-158316149	25	33.357	KV453089.1	2761976	16-scf00496	16
AX-158316151	25	33.369	KV453089.1	2764342	16-scf00496	16
AX-158316152	25	33.397	KV453089.1	2765537	16-scf00496	16
AX-158316153	25	33.424	KV453089.1	2766637	16-scf00496	16
AX-158316142	25	33.533	KV453089.1	2754107	16-scf00496	16
AX-158316158	25	33.533	KV453089.1	2778828	16-scf00496	16
AX-158316159	25	33.533	KV453089.1	2784148	16-scf00496	16
AX-158316160	25	33.533	KV453089.1	2786112	16-scf00496	16
AX-158316161	25	33.533	KV453089.1	2786645	16-scf00496	16
AX-158316163	25	33.533	KV453089.1	2789125	16-scf00496	16
AX-158316167	25	33.533	KV453089.1	2807545	16-scf00496	16
AX-158316169	25	33.533	KV453089.1	2810396	16-scf00496	16
AX-158316172	25	33.533	KV453089.1	2823465	16-scf00496	16
AX-158316173	25	33.533	KV453089.1	2825562	16-scf00496	16
AX-158316174	25	33.533	KV453089.1	2825968	16-scf00496	16
AX-158316175	25	33.533	KV453089.1	2827867	16-scf00496	16
AX-158316177	25	33.533	KV453089.1	2829341	16-scf00496	16
AX-158316178	25	33.533	KV453089.1	2831549	16-scf00496	16
AX-158316181	25	33.533	KV453089.1	2833888	16-scf00496	16
AX-158316182	25	33.533	KV453089.1	2835239	16-scf00496	16
AX-158316184	25	33.533	KV453089.1	2837746	16-scf00496	16
AX-158316180	25	33.6	KV453089.1	2833219	16-scf00496	16
AX-158316199	25	33.6	KV453089.1	2852232	16-scf00496	16
AX-158316188	25	33.667	KV453089.1	2840227	16-scf00496	16
AX-157754790	25	33.752	KV453089.1	2740062	16-scf00496	16
AX-158316162	25	33.752	KV453089.1	2787375	16-scf00496	16
AX-158316189	25	33.752	KV453089.1	2842541	16-scf00496	16
AX-158316190	25	33.752	KV453089.1	2843185	16-scf00496	16
AX-158316195	25	33.752	KV453089.1	2847694	16-scf00496	16

AX-157888311	25	33.752	KV453089.1	2850149	16-scf00496	16
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AX-158316203	25	33.752	KV453089.1	2856779	16-scf00496	16
AX-158316205	25	33.752	KV453089.1	2857472	16-scf00496	16
AX-158316211	25	33.752	KV453089.1	2864295	16-scf00496	16
AX-158316176	25	33.861	KV453089.1	2828271	16-scf00496	16
AX-158316219	25	33.861	KV453089.1	2871428	16-scf00496	16
AX-158316220	25	33.861	KV453089.1	2873323	16-scf00496	16
AX-158316224	25	33.861	KV453089.1	2877832	16-scf00496	16
AX-158316227	25	33.863	KV453089.1	2880255	16-scf00496	16
AX-158316241	25	33.865	KV453089.1	2899891	16-scf00496	16
AX-158316244	25	33.867	KV453089.1	2903884	16-scf00496	16
AX-158316109	25	34.298	KV453089.1	2711409	16-scf00496	16
AX-158316166	25	34.298	KV453089.1	2806455	16-scf00496	16
AX-158387840	25	34.298	KV453089.1	2899021	16-scf00496	16
AX-158412484	25	34.298	KV453089.1	2909071	16-scf00496	16
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AX-158316251	25	34.298	KV453089.1	2917346	16-scf00496	16
AX-158316252	25	34.298	KV453089.1	2918118	16-scf00496	16
AX-158316253	25	34.298	KV453089.1	2918722	16-scf00496	16
AX-158316259	25	34.908	KV453089.1	2929304	16-scf00496	16
AX-158316261	25	34.909	KV453089.1	2930252	16-scf00496	16
AX-158316264	25	34.909	KV453089.1	2933498	16-scf00496	16
AX-158316265	25	34.909	KV453089.1	2934409	16-scf00496	16
AX-158316267	25	34.909	KV453089.1	2935932	16-scf00496	16
AX-158316270	25	34.909	KV453089.1	2937650	16-scf00496	16
AX-157847763	25	34.909	KV453089.1	2944049	16-scf00496	16
AX-158316315	25	34.909	KV453089.1	2983402	16-scf00496	16
AX-158316276	25	35.061	KV453089.1	2945430	16-scf00496	16
AX-158316279	25	35.061	KV453089.1	2950079	16-scf00496	16
AX-158316283	25	35.061	KV453089.1	2952592	16-scf00496	16
AX-157771123	25	35.061	KV453089.1	2954138	16-scf00496	16
AX-158316285	25	35.061	KV453089.1	2954266	16-scf00496	16
AX-158316288	25	35.061	KV453089.1	2957211	16-scf00496	16
AX-158316263	25	35.064	KV453089.1	2931775	16-scf00496	16
AX-158316290	25	35.064	KV453089.1	2958085	16-scf00496	16
AX-158316291	25	35.173	KV453089.1	2958708	16-scf00496	16
AX-158316294	25	35.281	KV453089.1	2962253	16-scf00496	16
AX-158316300	25	35.281	KV453089.1	2971605	16-scf00496	16
AX-157847764	25	35.281	KV453089.1	2972724	16-scf00496	16
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AX-158316310	25	35.281	KV453089.1	2981980	16-scf00496	16
AX-158316321	25	35.281	KV453089.1	2988237	16-scf00496	16
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AX-158316314	25	35.309	KV453089.1	2983063	16-scf00496	16
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AX-158316322	25	35.368	KV453089.1	2988797	16-scf00496	16
AX-158316330	25	35.368	KV453089.1	2995981	16-scf00496	16

AX-158316325	25	35.39	KV453089.1	2991334	16-scf00496	16
AX-158316326	25	35.39	KV453089.1	2993145	16-scf00496	16
AX-158316327	25	35.39	KV453089.1	2994372	16-scf00496	16
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AX-158316331	25	35.39	KV453089.1	2996392	16-scf00496	16
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AX-158316335	25	35.39	KV453089.1	3001587	16-scf00496	16
AX-158381429	25	35.39	KV453089.1	3005226	16-scf00496	16
AX-158316345	25	35.39	KV453089.1	3014352	16-scf00496	16
AX-158316358	25	35.39	KV453089.1	3031273	16-scf00496	16
AX-158423661	25	35.39	KV453089.1	3054609	16-scf00496	16
AX-158316346	25	35.717	KV453089.1	3016968	16-scf00496	16
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AX-158316351	25	35.786	KV453089.1	3022656	16-scf00496	16
AX-157726130	25	35.827	KV453089.1	3025057	16-scf00496	16
AX-158316354	25	35.827	KV453089.1	3025212	16-scf00496	16
AX-158316357	25	35.827	KV453089.1	3030631	16-scf00496	16
AX-157750594	25	35.991	KV453089.1	3033826	16-scf00496	16
AX-157718114	25	36.154	KV453089.1	3033321	16-scf00496	16
AX-157717774	25	36.154	KV453089.1	3034696	16-scf00496	16
AX-157765233	25	36.154	KV453089.1	3039774	16-scf00496	16
AX-157770761	25	36.154	KV453089.1	3044797	16-scf00496	16
AX-158316370	25	36.154	KV453089.1	3045582	16-scf00496	16
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AX-158316073	25	36.155	KV453089.1	2657778	16-scf00496	16
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AX-158316298	25	36.155	KV453089.1	2969441	16-scf00496	16
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AX-158418179	25	36.155	KV453089.1	3054715	16-scf00496	16
AX-158412486	25	36.155	KV453089.1	3054968	16-scf00496	16
AX-158418181	25	36.155	KV453089.1	3055098	16-scf00496	16
AX-158316378	25	36.155	KV453089.1	3060931	16-scf00496	16
AX-158316382	25	36.155	KV453089.1	3065165	16-scf00496	16
AX-158316386	25	36.155	KV453089.1	3067633	16-scf00496	16
AX-158316392	25	36.155	KV453089.1	3075795	16-scf00496	16
AX-158316395	25	36.155	KV453089.1	3080211	16-scf00496	16
AX-158316380	25	36.208	KV453089.1	3062868	16-scf00496	16
AX-158316381	25	36.264	KV453089.1	3063895	16-scf00496	16
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AX-158316385	25	36.264	KV453089.1	3066818	16-scf00496	16
AX-158316394	25	36.592	KV453089.1	3079321	16-scf00496	16
AX-158316400	25	36.592	KV453089.1	3087935	16-scf00496	16
AX-158316401	25	36.592	KV453089.1	3088690	16-scf00496	16
AX-157847772	25	36.592	KV453089.1	3091582	16-scf00496	16
AX-158316405	25	36.592	KV453089.1	3092229	16-scf00496	16
AX-158316406	25	36.597	KV453089.1	3094719	16-scf00496	16
AX-158316422	25	36.597	KV453089.1	3119545	16-scf00496	16
AX-158316407	25	36.603	KV453089.1	3096659	16-scf00496	16
AX-158316366	25	36.781	KV453089.1	3040294	16-scf00496	16

AX-158316408	25	36.781	KV453089.1	3098991	16-scf00496	16
AX-158316409	25	36.781	KV453089.1	3099349	16-scf00496	16
AX-157722299	25	36.861	KV453089.1	3106634	16-scf00496	16
AX-157748058	25	36.861	KV453089.1	3109041	16-scf00496	16
AX-158316415	25	37.138	KV453089.1	3111582	16-scf00496	16
AX-158316416	25	37.138	KV453089.1	3112211	16-scf00496	16
AX-158316424	25	37.138	KV453089.1	3120803	16-scf00496	16
AX-157847774	25	37.139	KV453089.1	3114735	16-scf00496	16
AX-158316419	25	37.139	KV453089.1	3117081	16-scf00496	16
AX-158316425	25	37.139	KV453089.1	3121028	16-scf00496	16
AX-158316426	25	37.139	KV453089.1	3122465	16-scf00496	16
AX-158316428	25	37.139	KV453089.1	3125890	16-scf00496	16
AX-157722310	25	37.139	KV453089.1	3126785	16-scf00496	16
AX-158316429	25	37.139	KV453089.1	3127146	16-scf00496	16
AX-158316430	25	37.139	KV453089.1	3127568	16-scf00496	16
AX-157752369	25	37.139	KV453089.1	3127801	16-scf00496	16
AX-158316442	25	37.139	KV453089.1	3141985	16-scf00496	16
AX-158316432	25	37.19	KV453089.1	3132609	16-scf00496	16
AX-158316436	25	37.248	KV453089.1	3136216	16-scf00496	16
AX-157847776	25	37.248	KV453089.1	3136856	16-scf00496	16
AX-158316437	25	37.248	KV453089.1	3137168	16-scf00496	16
AX-157847777	25	37.248	KV453089.1	3138547	16-scf00496	16
AX-158316439	25	37.248	KV453089.1	3139902	16-scf00496	16
AX-158316443	25	37.248	KV453089.1	3142636	16-scf00496	16
AX-158316444	25	37.248	KV453089.1	3143529	16-scf00496	16
AX-158316448	25	37.575	KV453089.1	3151482	16-scf00496	16
AX-158316449	25	37.575	KV453089.1	3152859	16-scf00496	16
AX-158316451	25	37.575	KV453089.1	3154614	16-scf00496	16
AX-157847779	25	37.575	KV453089.1	3156027	16-scf00496	16
AX-158316452	25	37.575	KV453089.1	3157258	16-scf00496	16
AX-157847781	25	37.575	KV453089.1	3163462	16-scf00496	16
AX-158316460	25	37.575	KV453089.1	3165914	16-scf00496	16
AX-158316461	25	37.575	KV453089.1	3167434	16-scf00496	16
AX-157724927	25	37.575	KV453089.1	3170072	16-scf00496	16
AX-158316463	25	37.575	KV453089.1	3170485	16-scf00496	16
AX-158316465	25	37.575	KV453089.1	3173791	16-scf00496	16
AX-158316467	25	37.575	KV453089.1	3175619	16-scf00496	16
AX-158316468	25	37.575	KV453089.1	3175983	16-scf00496	16
AX-158316469	25	37.575	KV453089.1	3177223	16-scf00496	16
AX-158316470	25	37.575	KV453089.1	3177767	16-scf00496	16
AX-158316471	25	37.575	KV453089.1	3178326	16-scf00496	16
AX-158316474	25	37.575	KV453089.1	3182249	16-scf00496	16
AX-157847783	25	37.575	KV453089.1	3185537	16-scf00496	16
AX-157847784	25	37.575	KV453089.1	3186651	16-scf00496	16
AX-158381430	25	37.575	KV453089.1	3187453	16-scf00496	16
AX-157739945	25	37.575	KV453089.1	3187502	16-scf00496	16
AX-158316478	25	37.575	KV453089.1	3189022	16-scf00496	16
AX-157744948	25	37.575	KV453089.1	3190203	16-scf00496	16
AX-158316480	25	37.575	KV453089.1	3190927	16-scf00496	16
AX-158316481	25	37.575	KV453089.1	3191153	16-scf00496	16
AX-158316484	25	37.575	KV453089.1	3195628	16-scf00496	16

AX-157847786	25	37.575	KV453089.1	3229090	16-scf00496	16
AX-157847780	25	37.794	KV453089.1	3156557	16-scf00496	16
AX-158316453	25	37.794	KV453089.1	3158549	16-scf00496	16
AX-158316454	25	37.794	KV453089.1	3159304	16-scf00496	16
AX-157713130	25	37.794	KV453089.1	3195835	16-scf00496	16
AX-158316486	25	37.794	KV453089.1	3196565	16-scf00496	16
AX-158316488	25	37.794	KV453089.1	3201951	16-scf00496	16
AX-157753713	25	37.794	KV453089.1	3202388	16-scf00496	16
AX-158316489	25	37.794	KV453089.1	3202486	16-scf00496	16
AX-158316490	25	37.794	KV453089.1	3202843	16-scf00496	16
AX-158316492	25	37.794	KV453089.1	3205763	16-scf00496	16
AX-158316493	25	37.794	KV453089.1	3206237	16-scf00496	16
AX-158316495	25	37.794	KV453089.1	3208639	16-scf00496	16
AX-157717310	25	37.794	KV453089.1	3210670	16-scf00496	16
AX-158316499	25	37.794	KV453089.1	3216051	16-scf00496	16
AX-158316500	25	37.794	KV453089.1	3216759	16-scf00496	16
AX-158316502	25	37.794	KV453089.1	3219041	16-scf00496	16
AX-157746577	25	37.794	KV453089.1	3219531	16-scf00496	16
AX-158316504	25	37.903	KV453089.1	3221137	16-scf00496	16
AX-158316505	25	37.903	KV453089.1	3221603	16-scf00496	16
AX-158316506	25	37.903	KV453089.1	3222021	16-scf00496	16
AX-158316507	25	37.903	KV453089.1	3222864	16-scf00496	16
AX-158316514	25	37.903	KV453089.1	3231146	16-scf00496	16
AX-158316511	25	37.952	KV453089.1	3229250	16-scf00496	16
AX-158316512	25	38.012	KV453089.1	3230151	16-scf00496	16
AX-158316513	25	38.012	KV453089.1	3230655	16-scf00496	16
AX-158316516	25	38.012	KV453089.1	3233815	16-scf00496	16
AX-158316517	25	38.012	KV453089.1	3234880	16-scf00496	16
AX-157716336	25	38.012	KV453089.1	3238314	16-scf00496	16
AX-158316554	25	38.012	KV453089.1	3287069	16-scf00496	16
AX-158316560	25	38.012	KV453089.1	3293549	16-scf00496	16
AX-157847787	25	38.047	KV453089.1	3238399	16-scf00496	16
AX-158316520	25	38.088	KV453089.1	3241297	16-scf00496	16
AX-158316522	25	38.105	KV453089.1	3245118	16-scf00496	16
AX-158316524	25	38.121	KV453089.1	3249855	16-scf00496	16
AX-158316526	25	38.121	KV453089.1	3251872	16-scf00496	16
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AX-157774587	25	38.121	KV453089.1	3257011	16-scf00496	16
AX-158316532	25	38.121	KV453089.1	3258866	16-scf00496	16
AX-158316533	25	38.121	KV453089.1	3259219	16-scf00496	16
AX-158316534	25	38.121	KV453089.1	3262183	16-scf00496	16
AX-158316537	25	38.34	KV453089.1	3269010	16-scf00496	16
AX-157742418	25	38.34	KV453089.1	3270774	16-scf00496	16
AX-158316540	25	38.34	KV453089.1	3272731	16-scf00496	16
AX-158316541	25	38.34	KV453089.1	3273551	16-scf00496	16
AX-158316544	25	38.34	KV453089.1	3275166	16-scf00496	16
AX-158316545	25	38.34	KV453089.1	3277426	16-scf00496	16
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AX-158316547	25	38.34	KV453089.1	3280200	16-scf00496	16
AX-158316548	25	38.34	KV453089.1	3281632	16-scf00496	16
AX-158316549	25	38.34	KV453089.1	3282154	16-scf00496	16

AX-158316550	25	38.34	KV453089.1	3282971	16-scf00496	16
AX-158316551	25	38.34	KV453089.1	3283871	16-scf00496	16
AX-158316553	25	38.34	KV453089.1	3286319	16-scf00496	16
AX-157750399	25	38.34	KV453089.1	3286834	16-scf00496	16
AX-157748726	25	38.34	KV453089.1	3287421	16-scf00496	16
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AX-158316561	25	38.34	KV453089.1	3302653	16-scf00496	16
AX-157847794	25	38.34	KV453089.1	3330767	16-scf00496	16
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AX-158316584	25	38.34	KV453089.1	3337635	16-scf00496	16
AX-158316593	25	38.34	KV453089.1	3347551	16-scf00496	16
AX-158316600	25	38.34	KV453089.1	3354289	16-scf00496	16
AX-158316601	25	38.34	KV453089.1	3354817	16-scf00496	16
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AX-158316571	25	38.558	KV453089.1	3315565	16-scf00496	16
AX-158316577	25	38.558	KV453089.1	3326503	16-scf00496	16
AX-157744015	25	38.558	KV453089.1	3340150	16-scf00496	16
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AX-158316609	25	38.558	KV453089.1	3366342	16-scf00496	16
AX-158316612	25	38.558	KV453089.1	3370275	16-scf00496	16
AX-158316620	25	38.558	KV453089.1	3383335	16-scf00496	16
AX-158316633	25	38.558	KV453089.1	3400992	16-scf00496	16
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AX-157847792	25	38.767	KV453089.1	3324337	16-scf00496	16
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AX-158316585	25	38.886	KV453089.1	3338331	16-scf00496	16
AX-158316586	25	38.886	KV453089.1	3340416	16-scf00496	16
AX-158316587	25	38.886	KV453089.1	3341370	16-scf00496	16
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AX-158316589	25	38.886	KV453089.1	3345550	16-scf00496	16
AX-157743071	25	38.886	KV453089.1	3346858	16-scf00496	16
AX-158316594	25	38.886	KV453089.1	3348315	16-scf00496	16
AX-158316596	25	38.886	KV453089.1	3350203	16-scf00496	16
AX-158316597	25	38.928	KV453089.1	3351493	16-scf00496	16

AX-158316573	25	38.996	KV453089.1	3317900	16-scf00496	16
AX-158316598	25	38.996	KV453089.1	3353456	16-scf00496	16
AX-158316602	25	38.996	KV453089.1	3356033	16-scf00496	16
AX-158316603	25	38.996	KV453089.1	3357377	16-scf00496	16
AX-158316608	25	38.996	KV453089.1	3365612	16-scf00496	16
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AX-158316638	25	39.433	KV453089.1	3405331	16-scf00496	16
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AX-158316661	25	39.767	KV453089.1	3423091	16-scf00496	16
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AX-158412491	25	39.767	KV453089.1	3512572	16-scf00496	16
AX-157726639	25	39.767	KV453089.1	3515752	16-scf00496	16
AX-158316702	25	39.767	KV453089.1	3523193	16-scf00496	16
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AX-158316738	25	40.19	KV453089.1	3570509	16-scf00496	16

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AX-158316743	25	40.197	KV453089.1	3585966	16-scf00496	16
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AX-158316746	25	40.197	KV453089.1	3587396	16-scf00496	16
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AX-157847825	25	40.197	KV453089.1	3603185	16-scf00496	16
AX-158316758	25	40.197	KV453089.1	3603760	16-scf00496	16
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AX-158316806	25	40.352	KV453089.1	3664957	16-scf00496	16
AX-158316741	25	40.416	KV453089.1	3584800	16-scf00496	16
AX-157716989	25	40.416	KV453089.1	3673549	16-scf00496	16
AX-157888322	25	40.416	KV453089.1	3675353	16-scf00496	16
AX-158316816	25	40.416	KV453089.1	3675957	16-scf00496	16
AX-158316819	25	40.525	KV453089.1	3682383	16-scf00496	16
AX-158316828	25	40.525	KV453089.1	3696222	16-scf00496	16
AX-158418192	25	40.525	KV453089.1	3697148	16-scf00496	16
AX-158316829	25	40.525	KV453089.1	3699879	16-scf00496	16
AX-158316830	25	40.525	KV453089.1	3701684	16-scf00496	16
AX-158316831	25	40.525	KV453089.1	3702398	16-scf00496	16
AX-158316832	25	40.525	KV453089.1	3703386	16-scf00496	16
AX-158316834	25	40.689	KV453089.1	3706324	16-scf00496	16
AX-157742713	25	40.689	KV453089.1	3707416	16-scf00496	16

AX-158316836	25	40.689	KV453089.1	3708276	16-scf00496	16
AX-158316845	25	40.853	KV453089.1	3718686	16-scf00496	16
AX-158316847	25	40.853	KV453089.1	3720449	16-scf00496	16
AX-157861395	25	40.853	KV453089.1	3721762	16-scf00496	16
AX-157847832	25	40.853	KV453089.1	3723636	16-scf00496	16
AX-158316852	25	40.853	KV453089.1	3729230	16-scf00496	16
AX-157861396	25	40.853	KV453089.1	3729286	16-scf00496	16
AX-158316855	25	40.853	KV453089.1	3735870	16-scf00496	16
AX-158316857	25	40.89	KV453089.1	3737418	16-scf00496	16
AX-158316859	25	40.928	KV453089.1	3740733	16-scf00496	16
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AX-157847926	25	43.219	KV453089.1	4831570	16-scf00496	16
AX-158317648	25	43.291	KV453089.1	4832717	16-scf00496	16
AX-158317649	25	43.364	KV453089.1	4835093	16-scf00496	16
AX-157847927	25	43.365	KV453089.1	4839461	16-scf00496	16
AX-157847928	25	43.365	KV453089.1	4841906	16-scf00496	16
AX-158317653	25	43.545	KV453089.1	4844152	16-scf00496	16
AX-158317655	25	43.686	KV453089.1	4847369	16-scf00496	16
AX-158317660	25	43.695	KV453089.1	4858010	16-scf00496	16
AX-158317663	25	44.029	KV453089.1	4862077	16-scf00496	16
AX-158317664	25	44.334	KV453089.1	4865894	16-scf00496	16
AX-157847930	25	44.349	KV453089.1	4872949	16-scf00496	16
AX-157751120	25	44.349	KV453089.1	4876351	16-scf00496	16
AX-158317728	25	44.349	KV453089.1	4950132	16-scf00496	16
AX-158317668	25	44.369	KV453089.1	4876956	16-scf00496	16
AX-158317669	25	44.398	KV453089.1	4878125	16-scf00496	16
AX-157847932	25	44.459	KV453089.1	4880437	16-scf00496	16
AX-158317671	25	44.459	KV453089.1	4884180	16-scf00496	16
AX-158317674	25	44.459	KV453089.1	4885936	16-scf00496	16
AX-158317676	25	44.459	KV453089.1	4888929	16-scf00496	16
AX-158317679	25	44.459	KV453089.1	4891337	16-scf00496	16
AX-157867824	25	44.459	KV453089.1	4892734	16-scf00496	16
AX-157710609	25	44.459	KV453089.1	4895305	16-scf00496	16
AX-158317686	25	44.459	KV453089.1	4901733	16-scf00496	16
AX-158317688	25	44.459	KV453089.1	4904842	16-scf00496	16
AX-158317690	25	44.459	KV453089.1	4906874	16-scf00496	16
AX-158317692	25	44.459	KV453089.1	4907643	16-scf00496	16
AX-158317693	25	44.459	KV453089.1	4908259	16-scf00496	16
AX-158317694	25	44.459	KV453089.1	4909514	16-scf00496	16
AX-158317695	25	44.459	KV453089.1	4909692	16-scf00496	16
AX-158317703	25	44.459	KV453089.1	4927831	16-scf00496	16
AX-158317704	25	44.459	KV453089.1	4928938	16-scf00496	16
AX-158317706	25	44.459	KV453089.1	4930931	16-scf00496	16
AX-158317707	25	44.459	KV453089.1	4931567	16-scf00496	16
AX-158317708	25	44.459	KV453089.1	4932983	16-scf00496	16
AX-157750748	25	44.459	KV453089.1	4935017	16-scf00496	16
AX-157709635	25	44.459	KV453089.1	4936960	16-scf00496	16

AX-157750076	25	44.459	KV453089.1	4939231	16-scf00496	16
AX-158317711	25	44.459	KV453089.1	4939516	16-scf00496	16
AX-158317712	25	44.459	KV453089.1	4940193	16-scf00496	16
AX-158317716	25	44.459	KV453089.1	4942648	16-scf00496	16
AX-157774474	25	44.459	KV453089.1	4944627	16-scf00496	16
AX-158317721	25	44.459	KV453089.1	4946459	16-scf00496	16
AX-158317722	25	44.459	KV453089.1	4948066	16-scf00496	16
AX-158317723	25	44.459	KV453089.1	4948670	16-scf00496	16
AX-158317725	25	44.459	KV453089.1	4949199	16-scf00496	16
AX-158317726	25	44.459	KV453089.1	4949527	16-scf00496	16
AX-157867827	25	44.459	KV453089.1	4951328	16-scf00496	16
AX-158317731	25	44.459	KV453089.1	4953901	16-scf00496	16
AX-157772231	25	44.459	KV453089.1	4953947	16-scf00496	16
AX-158317732	25	44.459	KV453089.1	4954865	16-scf00496	16
AX-158317733	25	44.459	KV453089.1	4955395	16-scf00496	16
AX-158317735	25	44.459	KV453089.1	4958051	16-scf00496	16
AX-158317738	25	44.459	KV453089.1	4965307	16-scf00496	16
AX-158317741	25	44.459	KV453089.1	4968064	16-scf00496	16
AX-158317746	25	44.459	KV453089.1	4972570	16-scf00496	16
AX-158317754	25	44.459	KV453089.1	4980336	16-scf00496	16
AX-157741884	25	44.459	KV453089.1	4991716	16-scf00496	16
AX-157717245	25	44.459	KV453089.1	4992712	16-scf00496	16
AX-157888333	25	44.459	KV453089.1	4996128	16-scf00496	16
AX-157847941	25	44.459	KV453089.1	5017040	16-scf00496	16
AX-157847942	25	44.459	KV453089.1	5023552	16-scf00496	16
AX-157847945	25	44.459	KV453089.1	5025538	16-scf00496	16
AX-157847949	25	44.459	KV453089.1	5078249	16-scf00496	16
AX-158317872	25	44.459	KV453089.1	5149938	16-scf00496	16
AX-158317878	25	44.459	KV453089.1	5159228	16-scf00496	16
AX-158317933	25	44.459	KV453089.1	5260231	16-scf00496	16
AX-158317983	25	44.459	KV453089.1	5327763	16-scf00496	16
AX-158318117	25	44.459	KV453089.1	5487268	16-scf00496	16
AX-157848025	25	44.459	KV453089.1	5744325	16-scf00496	16
AX-157705661	25	44.459	3ML01030555	163	scf06155_1	UN
AX-157705662	25	44.459	3ML01030555	469	scf06155_1	UN
AX-158317744	25	44.786	KV453089.1	4971594	16-scf00496	16
AX-158317749	25	44.786	KV453089.1	4975328	16-scf00496	16
AX-158317751	25	44.786	KV453089.1	4976954	16-scf00496	16
AX-158317757	25	44.787	KV453089.1	4984171	16-scf00496	16
AX-157873583	25	44.787	KV453089.1	4994920	16-scf00496	16
AX-157847929	25	44.788	KV453089.1	4848006	16-scf00496	16
AX-158317764	25	44.788	KV453089.1	4996341	16-scf00496	16
AX-158317650	25	45.114	KV453089.1	4836787	16-scf00496	16
AX-158381442	25	45.114	KV453089.1	4896050	16-scf00496	16
AX-157771515	25	45.114	KV453089.1	4962651	16-scf00496	16
AX-158317748	25	45.114	KV453089.1	4974184	16-scf00496	16
AX-158317755	25	45.114	KV453089.1	4980575	16-scf00496	16
AX-158317758	25	45.114	KV453089.1	4985254	16-scf00496	16
AX-158317767	25	45.114	KV453089.1	4998852	16-scf00496	16
AX-157747678	25	45.114	KV453089.1	5000228	16-scf00496	16
AX-158317769	25	45.114	KV453089.1	5005256	16-scf00496	16

AX-157847940	25	45.114	KV453089.1	5009191	16-scf00496	16
AX-157739556	25	45.114	KV453089.1	5013090	16-scf00496	16
AX-158317778	25	45.114	KV453089.1	5022212	16-scf00496	16
AX-158317779	25	45.114	KV453089.1	5022629	16-scf00496	16
AX-157717208	25	45.114	KV453089.1	5025594	16-scf00496	16
AX-158317782	25	45.114	KV453089.1	5028072	16-scf00496	16
AX-158317788	25	45.114	KV453089.1	5035310	16-scf00496	16
AX-158317793	25	45.114	KV453089.1	5046018	16-scf00496	16
AX-158317794	25	45.114	KV453089.1	5046413	16-scf00496	16
AX-158317796	25	45.114	KV453089.1	5050405	16-scf00496	16
AX-158317797	25	45.114	KV453089.1	5051571	16-scf00496	16
AX-158317798	25	45.114	KV453089.1	5051894	16-scf00496	16
AX-158317800	25	45.114	KV453089.1	5053833	16-scf00496	16
AX-158317801	25	45.114	KV453089.1	5054799	16-scf00496	16
AX-158317802	25	45.114	KV453089.1	5055957	16-scf00496	16
AX-158317807	25	45.114	KV453089.1	5058900	16-scf00496	16
AX-157881288	25	45.114	KV453089.1	5060681	16-scf00496	16
AX-157729971	25	45.114	KV453089.1	5069563	16-scf00496	16
AX-157764999	25	45.114	KV453089.1	5071518	16-scf00496	16
AX-158317811	25	45.114	KV453089.1	5071792	16-scf00496	16
AX-157888335	25	45.114	KV453089.1	5074690	16-scf00496	16
AX-158317814	25	45.114	KV453089.1	5076185	16-scf00496	16
AX-158317815	25	45.114	KV453089.1	5076879	16-scf00496	16
AX-158317816	25	45.114	KV453089.1	5077221	16-scf00496	16
AX-158317821	25	45.114	KV453089.1	5090959	16-scf00496	16
AX-158317822	25	45.114	KV453089.1	5091240	16-scf00496	16
AX-158317824	25	45.114	KV453089.1	5095631	16-scf00496	16
AX-158317770	25	45.146	KV453089.1	5006592	16-scf00496	16
AX-158317817	25	45.146	KV453089.1	5077923	16-scf00496	16
AX-158317820	25	45.174	KV453089.1	5089670	16-scf00496	16
AX-157748084	25	45.22	KV453089.1	5099024	16-scf00496	16
AX-158317826	25	45.253	KV453089.1	5099870	16-scf00496	16
AX-158317827	25	45.296	KV453089.1	5100520	16-scf00496	16
AX-158317831	25	45.66	KV453089.1	5103735	16-scf00496	16
AX-158317833	25	45.66	KV453089.1	5106965	16-scf00496	16
AX-158317834	25	45.66	KV453089.1	5109636	16-scf00496	16
AX-158317837	25	45.66	KV453089.1	5110417	16-scf00496	16
AX-158317839	25	45.66	KV453089.1	5111555	16-scf00496	16
AX-158317841	25	45.66	KV453089.1	5113189	16-scf00496	16
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AX-157757639	25	45.66	KV453089.1	5116535	16-scf00496	16
AX-157756978	25	45.66	KV453089.1	5119759	16-scf00496	16
AX-158317844	25	45.66	KV453089.1	5120581	16-scf00496	16
AX-158317847	25	45.66	KV453089.1	5123404	16-scf00496	16
AX-158317848	25	45.66	KV453089.1	5123881	16-scf00496	16
AX-158317849	25	45.66	KV453089.1	5124560	16-scf00496	16
AX-158317858	25	45.66	KV453089.1	5129963	16-scf00496	16
AX-158317861	25	45.77	KV453089.1	5131908	16-scf00496	16
AX-157847951	25	45.783	KV453089.1	5132987	16-scf00496	16
AX-158317915	25	45.783	KV453089.1	5216908	16-scf00496	16
AX-158317980	25	45.783	KV453089.1	5324926	16-scf00496	16

AX-157727256	25	45.842	KV453089.1	5133315	16-scf00496	16
AX-158317859	25	45.879	KV453089.1	5130298	16-scf00496	16
AX-158317865	25	45.879	KV453089.1	5137828	16-scf00496	16
AX-157847952	25	45.879	KV453089.1	5140833	16-scf00496	16
AX-158317869	25	45.879	KV453089.1	5146207	16-scf00496	16
AX-158317870	25	45.879	KV453089.1	5146839	16-scf00496	16
AX-157847953	25	45.879	KV453089.1	5148287	16-scf00496	16
AX-158317871	25	45.879	KV453089.1	5149183	16-scf00496	16
AX-157748012	25	45.879	KV453089.1	5152943	16-scf00496	16
AX-158317879	25	45.879	KV453089.1	5160476	16-scf00496	16
AX-157755515	25	45.879	KV453089.1	5221966	16-scf00496	16
AX-157847965	25	45.879	KV453089.1	5229158	16-scf00496	16
AX-158317925	25	45.879	KV453089.1	5244992	16-scf00496	16
AX-158381444	25	45.908	KV453089.1	5152852	16-scf00496	16
AX-157873587	25	45.908	KV453089.1	5178193	16-scf00496	16
AX-158317905	25	45.908	KV453089.1	5204595	16-scf00496	16
AX-157888336	25	45.908	KV453089.1	5205291	16-scf00496	16
AX-158317907	25	45.908	KV453089.1	5206616	16-scf00496	16
AX-157847968	25	45.908	KV453089.1	5253126	16-scf00496	16
AX-158317935	25	45.908	KV453089.1	5262038	16-scf00496	16
AX-157847970	25	45.908	KV453089.1	5281408	16-scf00496	16
AX-158317951	25	45.908	KV453089.1	5288897	16-scf00496	16
AX-158317959	25	45.908	KV453089.1	5298001	16-scf00496	16
AX-158317972	25	45.908	KV453089.1	5316989	16-scf00496	16
AX-158317874	25	45.93	KV453089.1	5154283	16-scf00496	16
AX-158317875	25	45.941	KV453089.1	5156474	16-scf00496	16
AX-158317877	25	45.957	KV453089.1	5158810	16-scf00496	16
AX-158317867	25	45.988	KV453089.1	5139326	16-scf00496	16
AX-158317880	25	45.988	KV453089.1	5163476	16-scf00496	16
AX-158317882	25	45.988	KV453089.1	5168386	16-scf00496	16
AX-158317884	25	45.988	KV453089.1	5171236	16-scf00496	16
AX-157847955	25	46.04	KV453089.1	5170219	16-scf00496	16
AX-157847956	25	46.097	KV453089.1	5173529	16-scf00496	16
AX-157847958	25	46.097	KV453089.1	5181740	16-scf00496	16
AX-158317893	25	46.097	KV453089.1	5187384	16-scf00496	16
AX-157847961	25	46.097	KV453089.1	5189626	16-scf00496	16
AX-158317895	25	46.097	KV453089.1	5189936	16-scf00496	16
AX-158317902	25	46.097	KV453089.1	5201247	16-scf00496	16
AX-158317909	25	46.097	KV453089.1	5210145	16-scf00496	16
AX-158317913	25	46.097	KV453089.1	5213629	16-scf00496	16
AX-158317916	25	46.097	KV453089.1	5218410	16-scf00496	16
AX-158317918	25	46.097	KV453089.1	5221805	16-scf00496	16
AX-157847962	25	46.097	KV453089.1	5225543	16-scf00496	16
AX-157847963	25	46.097	KV453089.1	5227863	16-scf00496	16
AX-157847964	25	46.097	KV453089.1	5229069	16-scf00496	16
AX-158317922	25	46.097	KV453089.1	5232177	16-scf00496	16
AX-158317924	25	46.097	KV453089.1	5243267	16-scf00496	16
AX-157755432	25	46.097	KV453089.1	5246625	16-scf00496	16
AX-158317927	25	46.097	KV453089.1	5247098	16-scf00496	16
AX-157847967	25	46.097	KV453089.1	5251517	16-scf00496	16
AX-157715127	25	46.097	KV453089.1	5251996	16-scf00496	16

AX-158317930	25	46.097	KV453089.1	5252682	16-scf00496	16
AX-158317932	25	46.097	KV453089.1	5260056	16-scf00496	16
AX-158317936	25	46.097	KV453089.1	5266396	16-scf00496	16
AX-157745246	25	46.097	KV453089.1	5269472	16-scf00496	16
AX-158317939	25	46.097	KV453089.1	5272801	16-scf00496	16
AX-157712241	25	46.097	KV453089.1	5273619	16-scf00496	16
AX-158317942	25	46.097	KV453089.1	5275110	16-scf00496	16
AX-158317945	25	46.097	KV453089.1	5280990	16-scf00496	16
AX-158317946	25	46.097	KV453089.1	5281759	16-scf00496	16
AX-158317948	25	46.097	KV453089.1	5284654	16-scf00496	16
AX-157748446	25	46.097	KV453089.1	5293090	16-scf00496	16
AX-158317956	25	46.097	KV453089.1	5294486	16-scf00496	16
AX-158317957	25	46.097	KV453089.1	5294844	16-scf00496	16
AX-158317962	25	46.097	KV453089.1	5300325	16-scf00496	16
AX-157771134	25	46.097	KV453089.1	5302053	16-scf00496	16
AX-158317967	25	46.097	KV453089.1	5308487	16-scf00496	16
AX-158317968	25	46.097	KV453089.1	5310072	16-scf00496	16
AX-158317970	25	46.097	KV453089.1	5312957	16-scf00496	16
AX-157713270	25	46.097	KV453089.1	5448089	16-scf00496	16
AX-157848023	25	46.097	KV453089.1	5725960	16-scf00496	16
AX-158318291	25	46.097	KV453089.1	5726158	16-scf00496	16
AX-157848024	25	46.097	KV453089.1	5744022	16-scf00496	16
AX-158418228	25	46.097	KV453089.1	5831143	16-scf00496	16
AX-158318565	25	46.097	KV453089.1	6075539	16-scf00496	16
AX-158318873	25	46.097	KV453089.1	6446820	16-scf00496	16
AX-158317864	25	46.206	KV453089.1	5136944	16-scf00496	16
AX-158317911	25	46.206	KV453089.1	5212452	16-scf00496	16
AX-158317914	25	46.206	KV453089.1	5215985	16-scf00496	16
AX-158317961	25	46.206	KV453089.1	5299864	16-scf00496	16
AX-158317971	25	46.206	KV453089.1	5314203	16-scf00496	16
AX-158317974	25	46.206	KV453089.1	5317866	16-scf00496	16
AX-158317977	25	46.238	KV453089.1	5322235	16-scf00496	16
AX-157755748	25	46.238	KV453089.1	5333526	16-scf00496	16
AX-158317978	25	46.273	KV453089.1	5323442	16-scf00496	16
AX-158317988	25	46.288	KV453089.1	5333461	16-scf00496	16
AX-158317991	25	46.288	KV453089.1	5334555	16-scf00496	16
AX-158318056	25	46.288	KV453089.1	5404967	16-scf00496	16
AX-158318083	25	46.288	KV453089.1	5446984	16-scf00496	16
AX-158318125	25	46.288	KV453089.1	5506969	16-scf00496	16
AX-158317979	25	46.316	KV453089.1	5324118	16-scf00496	16
AX-157755522	25	46.316	KV453089.1	5330466	16-scf00496	16
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AX-158317987	25	46.316	KV453089.1	5331615	16-scf00496	16
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AX-158318011	25	46.316	KV453089.1	5353238	16-scf00496	16

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AX-157847976	25	46.316	KV453089.1	5357514	16-scf00496	16
AX-158318015	25	46.316	KV453089.1	5365940	16-scf00496	16
AX-158318016	25	46.316	KV453089.1	5366314	16-scf00496	16
AX-158318017	25	46.316	KV453089.1	5366967	16-scf00496	16
AX-158318018	25	46.316	KV453089.1	5368134	16-scf00496	16
AX-157710498	25	46.316	KV453089.1	5368503	16-scf00496	16
AX-157847978	25	46.316	KV453089.1	5368856	16-scf00496	16
AX-158318021	25	46.316	KV453089.1	5369866	16-scf00496	16
AX-158318022	25	46.316	KV453089.1	5370680	16-scf00496	16
AX-158318024	25	46.316	KV453089.1	5371806	16-scf00496	16
AX-158318028	25	46.316	KV453089.1	5375896	16-scf00496	16
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AX-157716752	25	46.316	KV453089.1	5542398	16-scf00496	16
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AX-158319493	25	46.316	KV453089.1	7337194	16-scf00496	16
AX-158319544	25	46.316	KV453089.1	7438203	16-scf00496	16

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AX-158318086	25	46.425	KV453089.1	5456449	16-scf00496	16
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AX-158418218	25	46.534	KV453089.1	5332357	16-scf00496	16
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AX-158318159	25	46.828	KV453089.1	5562603	16-scf00496	16
AX-158318858	25	46.828	KV453089.1	6428258	16-scf00496	16
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AX-158318295	25	46.862	KV453089.1	5732479	16-scf00496	16
AX-157848068	25	46.862	KV453089.1	6672959	16-scf00496	16
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AX-158319115	25	46.862	KV453089.1	6744388	16-scf00496	16
AX-158423672	25	46.862	KV453089.1	7755234	16-scf00496	16
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AX-158319909	25	46.862	KV453089.1	7908843	16-scf00496	16
AX-158319913	25	46.862	KV453089.1	7916799	16-scf00496	16
AX-158318201	25	46.903	KV453089.1	5623130	16-scf00496	16
AX-158318203	25	46.93	KV453089.1	5626565	16-scf00496	16
AX-158318035	25	46.971	KV453089.1	5382039	16-scf00496	16
AX-158318176	25	46.971	KV453089.1	5583083	16-scf00496	16
AX-158318180	25	46.971	KV453089.1	5598015	16-scf00496	16
AX-157848012	25	46.971	KV453089.1	5623263	16-scf00496	16
AX-157848017	25	46.971	KV453089.1	5651107	16-scf00496	16
AX-157848018	25	46.971	KV453089.1	5651709	16-scf00496	16
AX-158318230	25	46.971	KV453089.1	5653473	16-scf00496	16
AX-158318231	25	46.971	KV453089.1	5653843	16-scf00496	16
AX-158318232	25	46.971	KV453089.1	5654970	16-scf00496	16
AX-158318233	25	46.971	KV453089.1	5656560	16-scf00496	16
AX-158318236	25	46.971	KV453089.1	5663573	16-scf00496	16
AX-158318237	25	46.971	KV453089.1	5665264	16-scf00496	16
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AX-158318240	25	46.971	KV453089.1	5668171	16-scf00496	16
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AX-158318242	25	46.971	KV453089.1	5671562	16-scf00496	16
AX-158318243	25	46.971	KV453089.1	5672087	16-scf00496	16
AX-158318244	25	46.971	KV453089.1	5672621	16-scf00496	16
AX-158318248	25	46.971	KV453089.1	5680396	16-scf00496	16
AX-158318249	25	46.971	KV453089.1	5680931	16-scf00496	16
AX-158318254	25	46.971	KV453089.1	5684679	16-scf00496	16
AX-158318257	25	46.971	KV453089.1	5688623	16-scf00496	16
AX-158318259	25	46.971	KV453089.1	5690432	16-scf00496	16
AX-158318260	25	46.971	KV453089.1	5691179	16-scf00496	16
AX-158318261	25	46.971	KV453089.1	5693296	16-scf00496	16

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AX-157848022	25	46.971	KV453089.1	5720081	16-scf00496	16
AX-158318284	25	46.971	KV453089.1	5720156	16-scf00496	16
AX-158318286	25	46.971	KV453089.1	5721110	16-scf00496	16
AX-158318287	25	46.971	KV453089.1	5721681	16-scf00496	16
AX-158318294	25	46.971	KV453089.1	5730265	16-scf00496	16
AX-158318309	25	46.971	KV453089.1	5753417	16-scf00496	16
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AX-157698775	25	46.971	KV453089.1	5780627	16-scf00496	16
AX-158318345	25	46.971	KV453089.1	5790699	16-scf00496	16
AX-158318362	25	46.971	KV453089.1	5802701	16-scf00496	16
AX-158318373	25	46.971	KV453089.1	5831731	16-scf00496	16
AX-158318889	25	46.971	KV453089.1	6461872	16-scf00496	16
AX-158319135	25	46.971	KV453089.1	6770497	16-scf00496	16
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AX-158319143	25	46.971	KV453089.1	6776789	16-scf00496	16
AX-158319201	25	46.971	KV453089.1	6850189	16-scf00496	16
AX-158319327	25	46.971	KV453089.1	7007172	16-scf00496	16
AX-158319362	25	46.971	KV453089.1	7050731	16-scf00496	16
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AX-157721391	25	46.971	KV453089.1	7758390	16-scf00496	16
AX-158319790	25	46.971	KV453089.1	7761999	16-scf00496	16
AX-158319791	25	46.971	KV453089.1	7763342	16-scf00496	16
AX-158319802	25	46.971	KV453089.1	7782454	16-scf00496	16
AX-158319805	25	46.971	KV453089.1	7786738	16-scf00496	16
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AX-158318300	25	47.004	KV453089.1	5738333	16-scf00496	16
AX-158418275	25	47.004	KV453089.1	7605120	16-scf00496	16
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AX-158317985	25	47.08	KV453089.1	5330115	16-scf00496	16
AX-158318118	25	47.08	KV453089.1	5491805	16-scf00496	16
AX-157738463	25	47.08	KV453089.1	5541191	16-scf00496	16
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AX-158318272	25	47.08	KV453089.1	5706262	16-scf00496	16
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AX-158318283	25	47.08	KV453089.1	5717413	16-scf00496	16

AX-158318303	25	47.08	KV453089.1	5743161	16-scf00496	16
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AX-157742798	25	47.08	KV453089.1	6303928	16-scf00496	16
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AX-158318392	25	47.43	KV453089.1	5858199	16-scf00496	16
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AX-158318416	25	47.55	KV453089.1	5893917	16-scf00496	16
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AX-158318393	25	47.605	KV453089.1	5858707	16-scf00496	16

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AX-158318503	25	47.736	KV453089.1	6012918	16-scf00496	16
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AX-158319094	25	47.736	KV453089.1	6715605	16-scf00496	16
AX-158319105	25	47.736	KV453089.1	6731265	16-scf00496	16
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AX-157718380	25	47.736	KV453089.1	6973093	16-scf00496	16
AX-158319291	25	47.736	KV453089.1	6973702	16-scf00496	16
AX-158319430	25	47.736	KV453089.1	7158808	16-scf00496	16
AX-158319572	25	47.736	KV453089.1	7487616	16-scf00496	16
AX-158319784	25	47.736	KV453089.1	7758338	16-scf00496	16
AX-158318296	25	47.796	KV453089.1	5733020	16-scf00496	16
AX-158318548	25	47.796	KV453089.1	6061937	16-scf00496	16
AX-158318558	25	47.796	KV453089.1	6069330	16-scf00496	16
AX-158318562	25	47.796	KV453089.1	6073307	16-scf00496	16
AX-158318406	25	47.845	KV453089.1	5874799	16-scf00496	16
AX-158318490	25	47.845	KV453089.1	5991180	16-scf00496	16
AX-158318546	25	47.845	KV453089.1	6060098	16-scf00496	16
AX-158318547	25	47.845	KV453089.1	6061297	16-scf00496	16
AX-158318556	25	47.845	KV453089.1	6067915	16-scf00496	16
AX-158318560	25	47.845	KV453089.1	6071255	16-scf00496	16
AX-158318594	25	47.845	KV453089.1	6118798	16-scf00496	16
AX-158318596	25	47.845	KV453089.1	6121461	16-scf00496	16
AX-158318597	25	47.845	KV453089.1	6122187	16-scf00496	16
AX-158318599	25	47.845	KV453089.1	6123191	16-scf00496	16
AX-158318615	25	47.845	KV453089.1	6140007	16-scf00496	16
AX-158318616	25	47.845	KV453089.1	6140516	16-scf00496	16
AX-158318617	25	47.845	KV453089.1	6141282	16-scf00496	16
AX-158318619	25	47.845	KV453089.1	6142158	16-scf00496	16
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AX-158318622	25	47.845	KV453089.1	6145958	16-scf00496	16
AX-158318623	25	47.845	KV453089.1	6146856	16-scf00496	16
AX-158318624	25	47.845	KV453089.1	6147841	16-scf00496	16
AX-158318625	25	47.845	KV453089.1	6150163	16-scf00496	16
AX-158318626	25	47.845	KV453089.1	6151166	16-scf00496	16

AX-158318629	25	47.845	KV453089.1	6153832	16-scf00496	16
AX-158318633	25	47.845	KV453089.1	6160186	16-scf00496	16
AX-157718709	25	47.845	KV453089.1	6160817	16-scf00496	16
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AX-158318640	25	47.845	KV453089.1	6167791	16-scf00496	16
AX-158318643	25	47.845	KV453089.1	6172153	16-scf00496	16
AX-158318649	25	47.845	KV453089.1	6182106	16-scf00496	16
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AX-157726751	25	47.845	KV453089.1	6188758	16-scf00496	16
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AX-158318667	25	47.845	KV453089.1	6201606	16-scf00496	16
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AX-158318683	25	47.845	KV453089.1	6216705	16-scf00496	16
AX-158318687	25	47.845	KV453089.1	6220264	16-scf00496	16
AX-158318693	25	47.845	KV453089.1	6226931	16-scf00496	16
AX-158318694	25	47.845	KV453089.1	6227368	16-scf00496	16
AX-158318702	25	47.845	KV453089.1	6244823	16-scf00496	16
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AX-158318754	25	47.845	KV453089.1	6297982	16-scf00496	16
AX-158318763	25	47.845	KV453089.1	6315315	16-scf00496	16
AX-158318773	25	47.845	KV453089.1	6325003	16-scf00496	16
AX-158318784	25	47.845	KV453089.1	6342568	16-scf00496	16
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AX-158318839	25	47.845	KV453089.1	6407745	16-scf00496	16
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AX-158318844	25	47.845	KV453089.1	6411590	16-scf00496	16
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AX-158319026	25	47.845	KV453089.1	6645229	16-scf00496	16

AX-158319035	25	47.845	KV453089.1	6657527	16-scf00496	16
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AX-158319906	25	47.954	KV453089.1	7905089	16-scf00496	16
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AX-158319416	25	48.392	KV453089.1	7135757	16-scf00496	16
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AX-158319474	25	48.392	KV453089.1	7291169	16-scf00496	16
AX-158319489	25	48.392	KV453089.1	7332757	16-scf00496	16
AX-158319495	25	48.392	KV453089.1	7345367	16-scf00496	16
AX-158319503	25	48.392	KV453089.1	7352567	16-scf00496	16
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AX-158319524	25	48.392	KV453089.1	7386132	16-scf00496	16
AX-158319525	25	48.392	KV453089.1	7389087	16-scf00496	16
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AX-158319584	25	48.392	KV453089.1	7499898	16-scf00496	16
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AX-158319710	25	48.719	KV453089.1	7652797	16-scf00496	16
AX-158418279	25	48.719	KV453089.1	7655255	16-scf00496	16
AX-158319712	25	48.719	KV453089.1	7658833	16-scf00496	16
AX-158319713	25	48.719	KV453089.1	7659262	16-scf00496	16
AX-158319715	25	48.719	KV453089.1	7661147	16-scf00496	16
AX-158319717	25	48.719	KV453089.1	7663783	16-scf00496	16
AX-158319718	25	48.719	KV453089.1	7665053	16-scf00496	16

AX-158319720	25	48.719	KV453089.1	7665534	16-scf00496	16
AX-158319721	25	48.719	KV453089.1	7665781	16-scf00496	16
AX-158319724	25	48.719	KV453089.1	7669498	16-scf00496	16
AX-158319754	25	48.719	KV453089.1	7709048	16-scf00496	16
AX-157848149	25	48.719	KV453089.1	7817374	16-scf00496	16
AX-157848127	25	49.147	KV453089.1	7620758	16-scf00496	16
AX-158419974	25	49.147	KV453089.1	7714644	16-scf00496	16
AX-157848134	25	49.147	KV453089.1	7732973	16-scf00496	16
AX-158319943	25	49.147	KV453089.1	7953484	16-scf00496	16
AX-157695139	25	49.156	KV453089.1	6143249	16-scf00496	16
AX-157848136	25	49.156	KV453089.1	7737677	16-scf00496	16
AX-158319778	25	49.156	KV453089.1	7742615	16-scf00496	16
AX-158319781	25	49.156	KV453089.1	7753763	16-scf00496	16
AX-158418283	25	49.156	KV453089.1	7755611	16-scf00496	16
AX-158319783	25	49.156	KV453089.1	7757410	16-scf00496	16
AX-158319785	25	49.156	KV453089.1	7760414	16-scf00496	16
AX-158319786	25	49.156	KV453089.1	7760671	16-scf00496	16
AX-158319793	25	49.156	KV453089.1	7767892	16-scf00496	16
AX-157848139	25	49.156	KV453089.1	7768188	16-scf00496	16
AX-158319794	25	49.156	KV453089.1	7769531	16-scf00496	16
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AX-158319817	25	49.156	KV453089.1	7799293	16-scf00496	16
AX-158319821	25	49.156	KV453089.1	7804432	16-scf00496	16
AX-158319826	25	49.156	KV453089.1	7820186	16-scf00496	16
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AX-158319960	25	49.156	KV453089.1	7980806	16-scf00496	16
AX-157694985	25	49.156	KV453089.1	8501817	16-scf00496	16
AX-157716552	25	49.156	KV453089.1	8548502	16-scf00496	16
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AX-158318313	25	49.265	KV453089.1	5760251	16-scf00496	16
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AX-157756960	25	49.265	KV453089.1	5910429	16-scf00496	16
AX-158318438	25	49.265	KV453089.1	5916680	16-scf00496	16

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AX-158318867	25	49.265	KV453089.1	6437355	16-scf00496	16
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AX-157861425	25	49.265	KV453089.1	6631961	16-scf00496	16
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AX-158319065	25	49.265	KV453089.1	6688658	16-scf00496	16
AX-158319102	25	49.265	KV453089.1	6727774	16-scf00496	16
AX-158319243	25	49.265	KV453089.1	6914875	16-scf00496	16
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AX-158319922	25	49.396	KV453089.1	7929008	16-scf00496	16
AX-158319929	25	49.396	KV453089.1	7939346	16-scf00496	16
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AX-158320729	25	49.396	KV453089.1	9075334	16-scf00496	16

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AX-158321543	25	49.396	KV453089.1	11299774	16-scf00496	16
AX-158322110	25	49.396	KV453089.1	12857945	16-scf00496	16
AX-158322112	25	49.396	KV453089.1	12858636	16-scf00496	16
AX-158322121	25	49.396	KV453089.1	12871281	16-scf00496	16
AX-157739015	25	49.396	KV453089.1	12941802	16-scf00496	16
AX-158322158	25	49.396	KV453089.1	12948798	16-scf00496	16
AX-158381468	25	49.396	KV453089.1	12959173	16-scf00496	16
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AX-158319838	25	49.484	KV453089.1	7837009	16-scf00496	16
AX-158319880	25	49.484	KV453089.1	7874700	16-scf00496	16
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AX-158319961	25	49.484	KV453089.1	7981457	16-scf00496	16
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AX-158319987	25	49.484	KV453089.1	8012383	16-scf00496	16
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AX-158319529	25	49.742	KV453089.1	7393298	16-scf00496	16
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AX-158320027	25	49.742	KV453089.1	8064452	16-scf00496	16

AX-158320033	25	49.742	KV453089.1	8073534	16-scf00496	16
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AX-158320041	25	49.742	KV453089.1	8088334	16-scf00496	16
AX-158320043	25	49.742	KV453089.1	8098356	16-scf00496	16
AX-158320071	25	49.742	KV453089.1	8147605	16-scf00496	16
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AX-158320176	25	49.742	KV453089.1	8311600	16-scf00496	16
AX-158320186	25	49.742	KV453089.1	8324844	16-scf00496	16
AX-158320210	25	49.742	KV453089.1	8364209	16-scf00496	16
AX-157848212	25	49.742	KV453089.1	8412049	16-scf00496	16
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AX-158320137	25	50.904	KV453089.1	8258363	16-scf00496	16
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AX-158320240	25	52.651	KV453089.1	8407739	16-scf00496	16
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AX-158320260	25	52.651	KV453089.1	8430826	16-scf00496	16
AX-158320274	25	52.651	KV453089.1	8448356	16-scf00496	16
AX-158320334	25	52.651	KV453089.1	8521126	16-scf00496	16
AX-158320758	25	52.651	KV453089.1	9123924	16-scf00496	16

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AX-158321709	25	52.651	KV453089.1	11563584	16-scf00496	16
AX-158321802	25	52.651	KV453089.1	11798151	16-scf00496	16
AX-158322579	25	52.651	KV453090.1	674019	16-scf00499	16
AX-158322686	25	52.651	KV453090.1	1088380	16-scf00499	16
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AX-157853293	25	52.651	KV453095.1	32569	16-scf00570	16
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AX-158376063	25	52.651	KV453095.1	200536	16-scf00570	16
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AX-158320265	25	52.87	KV453089.1	8437476	16-scf00496	16
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AX-158320387	25	53.416	KV453089.1	8617041	16-scf00496	16
AX-158320388	25	53.416	KV453089.1	8617647	16-scf00496	16
AX-158320393	25	53.416	KV453089.1	8622376	16-scf00496	16
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AX-158320396	25	53.416	KV453089.1	8626818	16-scf00496	16
AX-158320397	25	53.416	KV453089.1	8628932	16-scf00496	16
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AX-158320426	25	53.416	KV453089.1	8664815	16-scf00496	16
AX-158320442	25	53.416	KV453089.1	8688194	16-scf00496	16
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AX-158320541	25	53.634	KV453089.1	8805053	16-scf00496	16
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AX-158320597	25	53.634	KV453089.1	8879618	16-scf00496	16
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AX-158321153	25	53.634	KV453089.1	9777718	16-scf00496	16
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AX-158321663	25	53.634	KV453089.1	11480064	16-scf00496	16
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AX-158320489	25	53.853	KV453089.1	8738529	16-scf00496	16
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AX-158320552	25	53.853	KV453089.1	8822534	16-scf00496	16
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AX-158324228	25	54.836	KV453093.1	1308890	16-scf00501	16
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AX-158324257	25	54.836	KV453093.1	1423363	16-scf00501	16
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AX-158324451	25	54.836	KV453094.1	174749	16-scf00503	16
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AX-158322417	25	55.109	KV453090.1	348167	16-scf00499	16
AX-158322419	25	55.109	KV453090.1	350954	16-scf00499	16
AX-158322422	25	55.109	KV453090.1	360723	16-scf00499	16
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AX-158321633	25	55.163	KV453089.1	11449574	16-scf00496	16
AX-158321651	25	55.163	KV453089.1	11467920	16-scf00496	16
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AX-158321178	25	55.382	KV453089.1	9820095	16-scf00496	16
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AX-157861483	25	57.565	KV453095.1	3661878	16-scf00570	16
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AX-157744382	25	58.113	KV453095.1	3735376	16-scf00570	16
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AX-158324729	25	59.095	KV453097.1	161439	16-scf00504	16
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AX-158324861	25	59.423	KV453097.1	370065	16-scf00504	16
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AX-157848622	25	63.059	KV453097.1	1218855	16-scf00504	16
AX-157848623	25	63.182	KV453097.1	1219061	16-scf00504	16
AX-157848624	25	63.182	KV453097.1	1221885	16-scf00504	16
AX-158325405	25	63.182	KV453097.1	1224249	16-scf00504	16
AX-157774038	25	63.182	KV453097.1	1226812	16-scf00504	16
AX-158325412	25	63.182	KV453097.1	1233801	16-scf00504	16
AX-158325417	25	63.182	KV453097.1	1241289	16-scf00504	16
AX-157848626	25	63.182	KV453097.1	1266113	16-scf00504	16
AX-158325319	25	63.357	KV453097.1	1100317	16-scf00504	16
AX-158325414	25	63.357	KV453097.1	1235830	16-scf00504	16
AX-157722257	25	63.357	KV453097.1	1236493	16-scf00504	16
AX-158325416	25	63.357	KV453097.1	1240572	16-scf00504	16
AX-157740410	25	63.357	KV453097.1	1244232	16-scf00504	16
AX-158325419	25	63.357	KV453097.1	1244389	16-scf00504	16
AX-158325470	25	63.357	KV453097.1	1312425	16-scf00504	16
AX-158325423	25	63.388	KV453097.1	1250584	16-scf00504	16
AX-157848619	25	63.443	KV453097.1	1192963	16-scf00504	16
AX-158325424	25	63.443	KV453097.1	1251196	16-scf00504	16
AX-158325430	25	63.466	KV453097.1	1259648	16-scf00504	16
AX-157756620	25	63.466	KV453097.1	1261989	16-scf00504	16
AX-158325432	25	63.466	KV453097.1	1262724	16-scf00504	16
AX-157848625	25	63.466	KV453097.1	1262790	16-scf00504	16
AX-158325433	25	63.474	KV453097.1	1263239	16-scf00504	16
AX-157861497	25	63.806	KV453097.1	1235782	16-scf00504	16
AX-158325437	25	63.806	KV453097.1	1269648	16-scf00504	16
AX-158325440	25	63.806	KV453097.1	1275345	16-scf00504	16
AX-158325443	25	63.806	KV453097.1	1276768	16-scf00504	16
AX-158325446	25	63.806	KV453097.1	1282017	16-scf00504	16
AX-158325451	25	63.974	KV453097.1	1292257	16-scf00504	16
AX-158325452	25	63.977	KV453097.1	1294201	16-scf00504	16
AX-158325456	25	64.104	KV453097.1	1299383	16-scf00504	16
AX-158325458	25	64.104	KV453097.1	1302047	16-scf00504	16
AX-158325459	25	64.104	KV453097.1	1302577	16-scf00504	16
AX-158325467	25	64.232	KV453097.1	1308910	16-scf00504	16
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AX-158325469	25	64.232	KV453097.1	1311528	16-scf00504	16
AX-158325471	25	64.232	KV453097.1	1313323	16-scf00504	16
AX-158325473	25	64.232	KV453097.1	1314715	16-scf00504	16
AX-158325474	25	64.232	KV453097.1	1315744	16-scf00504	16

AX-158325475	25	64.232	KV453097.1	1316403	16-scf00504	16
AX-158325476	25	64.232	KV453097.1	1316881	16-scf00504	16
AX-157716823	25	64.524	KV453097.1	1327385	16-scf00504	16
AX-158325429	25	64.605	KV453097.1	1258926	16-scf00504	16
AX-157848628	25	64.605	KV453097.1	1329121	16-scf00504	16
AX-158387981	25	64.668	KV453097.1	1330504	16-scf00504	16
AX-158325482	25	64.669	KV453097.1	1332245	16-scf00504	16
AX-158325483	25	64.669	KV453097.1	1333149	16-scf00504	16
AX-158325484	25	64.669	KV453097.1	1333814	16-scf00504	16
AX-158325485	25	64.669	KV453097.1	1334923	16-scf00504	16
AX-158325381	25	64.806	KV453097.1	1197174	16-scf00504	16
AX-158325447	25	64.806	KV453097.1	1282327	16-scf00504	16
AX-157727827	25	64.806	KV453097.1	1340493	16-scf00504	16
AX-158418556	25	64.806	KV453097.1	1340695	16-scf00504	16
AX-158420059	25	64.806	KV453097.1	1341220	16-scf00504	16
AX-158325491	25	64.806	KV453097.1	1341870	16-scf00504	16
AX-158325495	25	64.806	KV453097.1	1348902	16-scf00504	16
AX-157706950	25	64.806	3ML01033208	176	scf08848_1	UN
AX-158325497	25	65.092	KV453097.1	1363815	16-scf00504	16
AX-158325498	25	65.765	KV453097.1	1364194	16-scf00504	16
AX-158325499	25	65.765	KV453097.1	1364992	16-scf00504	16
AX-157752408	25	65.765	KV453097.1	1367740	16-scf00504	16
AX-158325503	25	65.765	KV453097.1	1371777	16-scf00504	16
AX-158325504	25	65.765	KV453097.1	1372865	16-scf00504	16
AX-158325507	25	66.421	KV453097.1	1383113	16-scf00504	16
AX-158325531	25	66.421	KV453097.1	1405752	16-scf00504	16
AX-158325552	25	66.421	KV453097.1	1436423	16-scf00504	16
AX-157881517	25	66.421	KV453097.1	1470898	16-scf00504	16
AX-158325594	25	66.421	KV453097.1	1494282	16-scf00504	16
AX-158325616	25	66.421	KV453097.1	1531537	16-scf00504	16
AX-158325512	25	66.639	KV453097.1	1386987	16-scf00504	16
AX-158325513	25	66.639	KV453097.1	1387371	16-scf00504	16
AX-158325516	25	66.639	KV453097.1	1389869	16-scf00504	16
AX-158325519	25	66.639	KV453097.1	1392120	16-scf00504	16
AX-158325521	25	66.749	KV453097.1	1393997	16-scf00504	16
AX-158325508	25	66.797	KV453097.1	1384072	16-scf00504	16
AX-158325517	25	66.797	KV453097.1	1391001	16-scf00504	16
AX-158325523	25	66.797	KV453097.1	1397363	16-scf00504	16
AX-158325526	25	66.797	KV453097.1	1400773	16-scf00504	16
AX-158325557	25	66.797	KV453097.1	1443077	16-scf00504	16
AX-157881523	25	66.797	KV453097.1	1555073	16-scf00504	16
AX-158325524	25	66.858	KV453097.1	1399074	16-scf00504	16
AX-158325525	25	66.858	KV453097.1	1399586	16-scf00504	16
AX-158325530	25	66.858	KV453097.1	1404961	16-scf00504	16
AX-157888438	25	66.858	KV453097.1	1405647	16-scf00504	16
AX-158325533	25	66.992	KV453097.1	1409226	16-scf00504	16
AX-158325535	25	67.347	KV453097.1	1413973	16-scf00504	16
AX-158381478	25	67.536	KV453097.1	1420697	16-scf00504	16
AX-158325539	25	67.55	KV453097.1	1421363	16-scf00504	16
AX-158325541	25	67.674	KV453097.1	1425743	16-scf00504	16
AX-157706429	25	67.722	3ML01032224	210	scf07840_1	UN

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AX-158325547	25	68.062	KV453097.1	1432207	16-scf00504	16
AX-158325548	25	68.062	KV453097.1	1432932	16-scf00504	16
AX-158325549	25	68.062	KV453097.1	1433812	16-scf00504	16
AX-158325550	25	68.062	KV453097.1	1434945	16-scf00504	16
AX-158325553	25	68.062	KV453097.1	1437571	16-scf00504	16
AX-158325555	25	68.38	KV453097.1	1440534	16-scf00504	16
AX-158325556	25	68.38	KV453097.1	1442667	16-scf00504	16
AX-158325562	25	68.38	KV453097.1	1451121	16-scf00504	16
AX-158325565	25	68.639	KV453097.1	1453622	16-scf00504	16
AX-158325566	25	68.639	KV453097.1	1455821	16-scf00504	16
AX-158325569	25	69.116	KV453097.1	1459518	16-scf00504	16
AX-158325570	25	69.195	KV453097.1	1460742	16-scf00504	16
AX-158325571	25	69.468	KV453097.1	1461607	16-scf00504	16
AX-158325574	25	69.814	KV453097.1	1465244	16-scf00504	16
AX-158325575	25	69.951	KV453097.1	1467996	16-scf00504	16
AX-158325578	25	70.361	KV453097.1	1474154	16-scf00504	16
AX-157719518	25	70.361	KV453097.1	1477162	16-scf00504	16
AX-158325580	25	70.404	KV453097.1	1478783	16-scf00504	16
AX-158325587	25	70.47	KV453097.1	1485350	16-scf00504	16
AX-158325589	25	70.47	KV453097.1	1488717	16-scf00504	16
AX-158325593	25	70.47	KV453097.1	1491956	16-scf00504	16
AX-158325595	25	70.787	KV453097.1	1495946	16-scf00504	16
AX-158325600	25	71.106	KV453097.1	1505704	16-scf00504	16
AX-158325601	25	71.424	KV453097.1	1506895	16-scf00504	16
AX-158325604	25	71.477	KV453097.1	1512476	16-scf00504	16
AX-157881519	25	71.484	KV453097.1	1495065	16-scf00504	16
AX-158325605	25	71.484	KV453097.1	1513325	16-scf00504	16
AX-158325606	25	71.674	KV453097.1	1514931	16-scf00504	16
AX-158325607	25	71.676	KV453097.1	1515491	16-scf00504	16
AX-158325602	25	71.677	KV453097.1	1508029	16-scf00504	16
AX-158325608	25	71.677	KV453097.1	1515616	16-scf00504	16
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AX-157881520	25	71.677	KV453097.1	1520606	16-scf00504	16
AX-157722406	25	71.677	KV453097.1	1521598	16-scf00504	16
AX-158325612	25	71.677	KV453097.1	1522620	16-scf00504	16
AX-158325613	25	72.069	KV453097.1	1524918	16-scf00504	16
AX-158325614	25	72.069	KV453097.1	1525298	16-scf00504	16
AX-158325615	25	72.069	KV453097.1	1527692	16-scf00504	16
AX-158325617	25	72.331	KV453097.1	1531906	16-scf00504	16
AX-158325621	25	72.331	KV453097.1	1537419	16-scf00504	16
AX-158381479	25	72.331	KV453097.1	1537975	16-scf00504	16
AX-158325622	25	72.331	KV453097.1	1538132	16-scf00504	16
AX-158325624	25	72.441	KV453097.1	1540874	16-scf00504	16
AX-158325625	25	72.441	KV453097.1	1541853	16-scf00504	16
AX-158325627	25	72.505	KV453097.1	1546504	16-scf00504	16
AX-158325628	25	72.55	KV453097.1	1546941	16-scf00504	16
AX-158325629	25	72.659	KV453097.1	1547836	16-scf00504	16
AX-158325630	25	72.659	KV453097.1	1548701	16-scf00504	16
AX-158325633	25	72.659	KV453097.1	1550399	16-scf00504	16
AX-158325636	25	72.796	KV453097.1	1555356	16-scf00504	16

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AX-157848639	25	72.797	KV453097.1	1742434	16-scf00504	16
AX-157747801	25	73.205	KV453097.1	1568691	16-scf00504	16
AX-158325649	25	73.205	KV453097.1	1572075	16-scf00504	16
AX-158325652	25	73.205	KV453097.1	1575320	16-scf00504	16
AX-158325653	25	73.205	KV453097.1	1577195	16-scf00504	16
AX-158325658	25	73.205	KV453097.1	1587206	16-scf00504	16
AX-158325677	25	73.205	KV453097.1	1611033	16-scf00504	16
AX-158418561	25	73.205	KV453097.1	1616283	16-scf00504	16
AX-158325733	25	73.205	KV453097.1	1680771	16-scf00504	16
AX-158325736	25	73.205	KV453097.1	1686147	16-scf00504	16
AX-158325755	25	73.205	KV453097.1	1720296	16-scf00504	16
AX-158325803	25	73.205	KV453097.1	1781636	16-scf00504	16
AX-158325660	25	73.315	KV453097.1	1588829	16-scf00504	16
AX-158325661	25	73.315	KV453097.1	1589510	16-scf00504	16
AX-158325662	25	73.315	KV453097.1	1590001	16-scf00504	16
AX-158325663	25	73.315	KV453097.1	1591602	16-scf00504	16
AX-158325664	25	73.315	KV453097.1	1592204	16-scf00504	16
AX-158325667	25	73.315	KV453097.1	1598760	16-scf00504	16
AX-158325666	25	73.585	KV453097.1	1595513	16-scf00504	16
AX-158325668	25	73.586	KV453097.1	1600794	16-scf00504	16
AX-158325670	25	73.586	KV453097.1	1602394	16-scf00504	16
AX-157753281	25	73.586	KV453097.1	1605064	16-scf00504	16
AX-157861499	25	73.592	KV453097.1	1611534	16-scf00504	16
AX-158325679	25	73.598	KV453097.1	1612604	16-scf00504	16
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AX-158325689	25	74.08	KV453097.1	1623812	16-scf00504	16
AX-158325692	25	74.08	KV453097.1	1627164	16-scf00504	16
AX-158325693	25	74.08	KV453097.1	1627602	16-scf00504	16
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AX-158325700	25	74.189	KV453097.1	1635450	16-scf00504	16
AX-158325705	25	74.189	KV453097.1	1639765	16-scf00504	16
AX-158325706	25	74.189	KV453097.1	1640271	16-scf00504	16
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AX-158325710	25	74.189	KV453097.1	1643228	16-scf00504	16
AX-158325711	25	74.189	KV453097.1	1643498	16-scf00504	16
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AX-158325720	25	74.189	KV453097.1	1660343	16-scf00504	16
AX-157848632	25	74.189	KV453097.1	1660736	16-scf00504	16
AX-158325721	25	74.189	KV453097.1	1662763	16-scf00504	16
AX-158325727	25	74.189	KV453097.1	1675656	16-scf00504	16

AX-157726583	25	74.189	KV453097.1	1676031	16-scf00504	16
AX-158325728	25	74.189	KV453097.1	1676655	16-scf00504	16
AX-158325729	25	74.189	KV453097.1	1677649	16-scf00504	16
AX-158325730	25	74.189	KV453097.1	1677887	16-scf00504	16
AX-158325731	25	74.189	KV453097.1	1678205	16-scf00504	16
AX-157848634	25	74.189	KV453097.1	1681162	16-scf00504	16
AX-158325734	25	74.189	KV453097.1	1681826	16-scf00504	16
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AX-158325740	25	74.189	KV453097.1	1698265	16-scf00504	16
AX-158325741	25	74.189	KV453097.1	1699526	16-scf00504	16
AX-158325742	25	74.189	KV453097.1	1699815	16-scf00504	16
AX-157848636	25	74.189	KV453097.1	1700534	16-scf00504	16
AX-158325743	25	74.189	KV453097.1	1700767	16-scf00504	16
AX-157725086	25	74.189	KV453097.1	1703040	16-scf00504	16
AX-157751806	25	74.189	KV453097.1	1703697	16-scf00504	16
AX-158325744	25	74.189	KV453097.1	1704279	16-scf00504	16
AX-158325745	25	74.189	KV453097.1	1706052	16-scf00504	16
AX-158325746	25	74.189	KV453097.1	1706534	16-scf00504	16
AX-158325747	25	74.189	KV453097.1	1706967	16-scf00504	16
AX-158325748	25	74.189	KV453097.1	1711169	16-scf00504	16
AX-158325749	25	74.189	KV453097.1	1712008	16-scf00504	16
AX-158325751	25	74.189	KV453097.1	1713204	16-scf00504	16
AX-157848637	25	74.189	KV453097.1	1713494	16-scf00504	16
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AX-157746621	25	74.189	KV453097.1	1716168	16-scf00504	16
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AX-158325760	25	74.189	KV453097.1	1729866	16-scf00504	16
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AX-158325767	25	74.189	KV453097.1	1738468	16-scf00504	16
AX-158325768	25	74.189	KV453097.1	1738771	16-scf00504	16
AX-158325770	25	74.189	KV453097.1	1739847	16-scf00504	16
AX-158325771	25	74.189	KV453097.1	1740132	16-scf00504	16
AX-158325772	25	74.189	KV453097.1	1741126	16-scf00504	16
AX-158325774	25	74.189	KV453097.1	1748159	16-scf00504	16
AX-158325775	25	74.189	KV453097.1	1748919	16-scf00504	16
AX-158325776	25	74.189	KV453097.1	1749451	16-scf00504	16
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AX-158325967	25	74.189	KV453097.1	1991468	16-scf00504	16
AX-158325789	25	74.408	KV453097.1	1764231	16-scf00504	16
AX-158325790	25	74.408	KV453097.1	1764680	16-scf00504	16
AX-158325792	25	74.408	KV453097.1	1766077	16-scf00504	16
AX-158325793	25	74.408	KV453097.1	1767317	16-scf00504	16
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AX-158325794	25	74.491	KV453097.1	1768485	16-scf00504	16
AX-157848633	25	74.626	KV453097.1	1674712	16-scf00504	16
AX-158325806	25	74.626	KV453097.1	1786137	16-scf00504	16
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AX-158325844	25	74.626	KV453097.1	1822703	16-scf00504	16
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AX-158325846	25	74.626	KV453097.1	1824176	16-scf00504	16
AX-158325847	25	74.626	KV453097.1	1824661	16-scf00504	16
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AX-158325850	25	74.627	KV453097.1	1827524	16-scf00504	16
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AX-158326036	25	78.124	KV453097.1	2090836	16-scf00504	16
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AX-158326117	25	79.217	KV453097.1	2221917	16-scf00504	16
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AX-158326126	25	79.4	KV453097.1	2233261	16-scf00504	16
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AX-158326134	25	79.401	KV453097.1	2249584	16-scf00504	16
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AX-157748382	25	79.763	KV453097.1	2248130	16-scf00504	16
AX-157739162	25	79.763	KV453097.1	2250792	16-scf00504	16
AX-158326136	25	79.763	KV453097.1	2252720	16-scf00504	16
AX-158326137	25	79.819	KV453097.1	2257161	16-scf00504	16
AX-158326138	25	79.872	KV453097.1	2257556	16-scf00504	16
AX-157708591	25	79.872	KV453097.1	2260632	16-scf00504	16
AX-158326141	25	79.872	KV453097.1	2266559	16-scf00504	16
AX-157700077	25	79.872	FI891665.1	358	-ORI212 lctali	UN
AX-157848667	25	79.897	KV453097.1	2242383	16-scf00504	16
AX-157708617	25	79.897	KV453097.1	2266962	16-scf00504	16
AX-158326160	25	79.897	KV453097.1	2296745	16-scf00504	16
AX-158326142	25	79.905	KV453097.1	2267590	16-scf00504	16
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AX-158326147	25	80.12	KV453097.1	2275292	16-scf00504	16
AX-158326148	25	80.126	KV453097.1	2276502	16-scf00504	16
AX-158326156	25	80.359	KV453097.1	2290736	16-scf00504	16
AX-158326157	25	80.706	KV453097.1	2292236	16-scf00504	16
AX-158326159	25	81.187	KV453097.1	2295947	16-scf00504	16
AX-158326162	25	81.187	KV453097.1	2302537	16-scf00504	16
AX-158326163	25	81.187	KV453097.1	2303201	16-scf00504	16
AX-157848672	25	81.514	KV453097.1	2304657	16-scf00504	16
AX-158326164	25	81.514	KV453097.1	2305675	16-scf00504	16
AX-157771582	25	81.514	KV453097.1	2306868	16-scf00504	16
AX-158326166	25	81.812	KV453097.1	2309636	16-scf00504	16
AX-158326165	25	81.813	KV453097.1	2307325	16-scf00504	16
AX-158326168	25	81.813	KV453097.1	2311707	16-scf00504	16
AX-158326169	25	81.856	KV453097.1	2312064	16-scf00504	16
AX-158326170	25	82.013	KV453097.1	2312687	16-scf00504	16
AX-158326171	25	82.168	KV453097.1	2313456	16-scf00504	16
AX-158326174	25	82.17	KV453097.1	2315758	16-scf00504	16
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AX-158326167	25	82.279	KV453097.1	2311311	16-scf00504	16
AX-157848673	25	82.279	KV453097.1	2321359	16-scf00504	16
AX-158326180	25	82.279	KV453097.1	2322375	16-scf00504	16
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AX-157771020	25	82.979	KV453097.1	2338534	16-scf00504	16
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AX-157888450	25	83.185	KV453097.1	2347233	16-scf00504	16
AX-158381486	25	83.368	KV453097.1	2348836	16-scf00504	16
AX-158326196	25	83.379	KV453097.1	2352414	16-scf00504	16
AX-158326197	25	83.379	KV453097.1	2356891	16-scf00504	16
AX-158326158	25	83.876	KV453097.1	2294643	16-scf00504	16
AX-157752351	25	83.876	KV453097.1	2326758	16-scf00504	16
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AX-158326198	25	83.876	KV453097.1	2358856	16-scf00504	16
AX-158326200	25	83.876	KV453097.1	2364469	16-scf00504	16
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AX-158326205	25	83.98	KV453097.1	2370652	16-scf00504	16
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AX-158326214	25	84.356	KV453097.1	2386067	16-scf00504	16
AX-158326215	25	84.356	KV453097.1	2388324	16-scf00504	16
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AX-158326229	25	84.43	KV453097.1	2415337	16-scf00504	16
AX-158326216	25	84.466	KV453097.1	2389939	16-scf00504	16
AX-158326219	25	84.466	KV453097.1	2395863	16-scf00504	16
AX-158326220	25	84.466	KV453097.1	2396542	16-scf00504	16
AX-158326221	25	84.466	KV453097.1	2398050	16-scf00504	16
AX-157848675	25	84.501	KV453097.1	2403678	16-scf00504	16
AX-158326224	25	84.602	KV453097.1	2408925	16-scf00504	16
AX-157881548	25	84.602	KV453097.1	2413302	16-scf00504	16
AX-157773012	25	84.807	KV453097.1	2390410	16-scf00504	16
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AX-158326234	25	85.012	KV453097.1	2421410	16-scf00504	16
AX-158326241	25	85.012	KV453097.1	2434667	16-scf00504	16
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AX-158381487	25	85.449	KV453097.1	2454948	16-scf00504	16
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AX-158326275	25	85.745	KV453097.1	2484487	16-scf00504	16
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AX-158326279	25	85.777	KV453097.1	2489237	16-scf00504	16
AX-158326283	25	85.777	KV453097.1	2493892	16-scf00504	16
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AX-158326299	25	85.838	KV453097.1	2516435	16-scf00504	16
AX-158326250	25	85.854	KV453097.1	2452021	16-scf00504	16
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AX-158326306	25	85.86	KV453097.1	2522897	16-scf00504	16
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AX-158326381	25	85.886	KV453097.1	2617368	16-scf00504	16
AX-158326386	25	85.886	KV453097.1	2623202	16-scf00504	16
AX-158326389	25	85.886	KV453097.1	2628312	16-scf00504	16
AX-158326322	25	85.92	KV453097.1	2544318	16-scf00504	16
AX-157712169	25	85.92	KV453097.1	2547605	16-scf00504	16
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AX-158326354	25	86.105	KV453097.1	2575179	16-scf00504	16
AX-158326356	25	86.105	KV453097.1	2577569	16-scf00504	16
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AX-157758482	25	86.105	KV453097.1	2583302	16-scf00504	16
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AX-158326363	25	86.105	KV453097.1	2589549	16-scf00504	16
AX-158326365	25	86.105	KV453097.1	2593872	16-scf00504	16
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AX-158326369	25	86.321	KV453097.1	2599866	16-scf00504	16
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AX-158326410	25	86.324	KV453097.1	2661215	16-scf00504	16
AX-158326411	25	86.324	KV453097.1	2662362	16-scf00504	16
AX-158326412	25	86.324	KV453097.1	2663991	16-scf00504	16
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AX-158326414	25	86.324	KV453097.1	2665851	16-scf00504	16
AX-158326417	25	86.324	KV453097.1	2673661	16-scf00504	16
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AX-158326424	25	86.382	KV453097.1	2684741	16-scf00504	16
AX-158326426	25	86.621	KV453097.1	2688191	16-scf00504	16
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AX-158326438	25	86.914	KV453097.1	2707679	16-scf00504	16
AX-158326441	25	86.914	KV453097.1	2711909	16-scf00504	16
AX-158326442	25	86.914	KV453097.1	2714660	16-scf00504	16
AX-158326443	25	86.914	KV453097.1	2715099	16-scf00504	16
AX-158326444	25	86.914	KV453097.1	2716222	16-scf00504	16
AX-158412727	25	86.914	KV453097.1	2723273	16-scf00504	16
AX-158326447	25	86.914	KV453097.1	2724690	16-scf00504	16
AX-157744992	25	86.914	KV453097.1	2729081	16-scf00504	16
AX-158381489	25	86.914	KV453097.1	2736824	16-scf00504	16
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AX-158326451	25	87.348	KV453097.1	2737988	16-scf00504	16
AX-157848696	25	87.348	KV453097.1	2738537	16-scf00504	16
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AX-158326452	25	87.352	KV453097.1	2738963	16-scf00504	16
AX-157873631	25	87.357	KV453097.1	2746560	16-scf00504	16
AX-158326458	25	87.504	KV453097.1	2748442	16-scf00504	16
AX-158326460	25	87.504	KV453097.1	2749606	16-scf00504	16
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AX-158326453	25	87.652	KV453097.1	2739284	16-scf00504	16
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AX-158326476	25	87.652	KV453097.1	2777191	16-scf00504	16
AX-158326477	25	87.652	KV453097.1	2778027	16-scf00504	16
AX-158326478	25	87.652	KV453097.1	2778703	16-scf00504	16
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AX-158326482	25	87.652	KV453097.1	2781700	16-scf00504	16
AX-158326483	25	87.652	KV453097.1	2782361	16-scf00504	16
AX-157739883	25	87.652	KV453097.1	2785451	16-scf00504	16
AX-158326484	25	87.652	KV453097.1	2785847	16-scf00504	16
AX-158326485	25	87.652	KV453097.1	2788328	16-scf00504	16
AX-158326486	25	87.652	KV453097.1	2789075	16-scf00504	16
AX-157848700	25	87.652	KV453097.1	2789441	16-scf00504	16
AX-158326487	25	87.652	KV453097.1	2789719	16-scf00504	16
AX-158326488	25	87.652	KV453097.1	2790355	16-scf00504	16
AX-158326489	25	87.652	KV453097.1	2791785	16-scf00504	16
AX-158326490	25	87.652	KV453097.1	2793164	16-scf00504	16
AX-158326491	25	87.863	KV453097.1	2793747	16-scf00504	16
AX-158326495	25	88.092	KV453097.1	2805079	16-scf00504	16
AX-157722290	25	88.095	KV453097.1	2808186	16-scf00504	16
AX-158326499	25	88.095	KV453097.1	2809649	16-scf00504	16
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AX-158326500	25	88.095	KV453097.1	2813790	16-scf00504	16
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AX-158326502	25	88.188	KV453097.1	2815540	16-scf00504	16
AX-158326503	25	88.26	KV453097.1	2816757	16-scf00504	16
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AX-158326513	25	88.591	KV453097.1	2839838	16-scf00504	16
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AX-158326517	25	88.592	KV453097.1	2843413	16-scf00504	16
AX-158326518	25	88.592	KV453097.1	2844703	16-scf00504	16
AX-158326522	25	88.922	KV453097.1	2852552	16-scf00504	16
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AX-158326524	25	89.254	KV453097.1	2855743	16-scf00504	16
AX-158326528	25	89.474	KV453097.1	2864058	16-scf00504	16
AX-158326531	25	89.474	KV453097.1	2869346	16-scf00504	16
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AX-158326537	25	89.72	KV453097.1	2874307	16-scf00504	16
AX-158326538	25	89.936	KV453097.1	2875167	16-scf00504	16
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AX-158326540	25	90.314	KV453097.1	2881974	16-scf00504	16
AX-158326541	25	90.314	KV453097.1	2883838	16-scf00504	16
AX-157741230	25	90.314	KV453097.1	2884489	16-scf00504	16
AX-158326543	25	90.314	KV453097.1	2886220	16-scf00504	16
AX-158326544	25	90.314	KV453097.1	2887970	16-scf00504	16
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AX-158326553	25	90.609	KV453097.1	2901472	16-scf00504	16
AX-158326555	25	90.609	KV453097.1	2906030	16-scf00504	16
AX-158326556	25	90.609	KV453097.1	2906877	16-scf00504	16
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AX-157718120	25	90.609	KV453097.1	2909366	16-scf00504	16
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AX-158326559	25	90.609	KV453097.1	2913025	16-scf00504	16
AX-158326561	25	90.609	KV453097.1	2913769	16-scf00504	16
AX-158326562	25	90.609	KV453097.1	2914304	16-scf00504	16
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AX-158326574	25	90.756	KV453097.1	2932374	16-scf00504	16
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AX-158326634	25	93.735	KV453097.1	3041250	16-scf00504	16
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AX-158326726	25	93.735	KV453097.1	3163501	16-scf00504	16
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AX-158326724	25	93.784	KV453097.1	3162689	16-scf00504	16
AX-157719816	25	93.784	KV453097.1	3163673	16-scf00504	16
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AX-158326730	25	93.931	KV453097.1	3168999	16-scf00504	16
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AX-158326732	25	93.956	KV453097.1	3172267	16-scf00504	16
AX-158326733	25	93.961	KV453097.1	3173440	16-scf00504	16
AX-158326735	25	93.968	KV453097.1	3174355	16-scf00504	16
AX-157848736	25	93.987	KV453097.1	3179350	16-scf00504	16
AX-158326731	25	94.007	KV453097.1	3169621	16-scf00504	16
AX-158326737	25	94.007	KV453097.1	3176593	16-scf00504	16
AX-157848737	25	94.007	KV453097.1	3180345	16-scf00504	16
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AX-158326743	25	94.213	KV453097.1	3181979	16-scf00504	16
AX-158326747	25	94.215	KV453097.1	3188030	16-scf00504	16
AX-157709087	25	94.221	KV453097.1	3190536	16-scf00504	16
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AX-158326749	25	94.221	KV453097.1	3191749	16-scf00504	16
AX-157715324	25	94.221	KV453097.1	3194204	16-scf00504	16
AX-158326762	25	94.221	KV453097.1	3207326	16-scf00504	16
AX-157848747	25	94.221	KV453097.1	3274976	16-scf00504	16
AX-157848748	25	94.221	KV453097.1	3275609	16-scf00504	16
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AX-158326758	25	94.497	KV453097.1	3202952	16-scf00504	16
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AX-158326763	25	94.752	KV453097.1	3208947	16-scf00504	16
AX-158326786	25	94.752	KV453097.1	3227469	16-scf00504	16
AX-158326788	25	94.752	KV453097.1	3228566	16-scf00504	16
AX-158326795	25	94.752	KV453097.1	3236141	16-scf00504	16
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AX-158326771	25	94.768	KV453097.1	3214999	16-scf00504	16
AX-158326772	25	94.768	KV453097.1	3216680	16-scf00504	16
AX-157773605	25	94.768	KV453097.1	3218122	16-scf00504	16
AX-158326774	25	94.768	KV453097.1	3218628	16-scf00504	16
AX-158326775	25	94.768	KV453097.1	3218779	16-scf00504	16
AX-158326777	25	94.768	KV453097.1	3219813	16-scf00504	16
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AX-158326780	25	94.831	KV453097.1	3221064	16-scf00504	16
AX-157848739	25	94.831	KV453097.1	3233305	16-scf00504	16
AX-158326783	25	94.986	KV453097.1	3223608	16-scf00504	16

AX-157848738	25	94.986	KV453097.1	3225636	16-scf00504	16
AX-158326791	25	94.986	KV453097.1	3230262	16-scf00504	16
AX-158326793	25	94.986	KV453097.1	3233830	16-scf00504	16
AX-158326794	25	94.986	KV453097.1	3235760	16-scf00504	16
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AX-158326796	25	94.986	KV453097.1	3240108	16-scf00504	16
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AX-158326807	25	95.314	KV453097.1	3255632	16-scf00504	16
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AX-158326812	25	95.533	KV453097.1	3263615	16-scf00504	16
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AX-158326819	25	95.533	KV453097.1	3275825	16-scf00504	16
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AX-158326828	25	95.59	KV453097.1	3293256	16-scf00504	16
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AX-158326829	25	95.642	KV453097.1	3294110	16-scf00504	16
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AX-157861512	25	95.642	KV453097.1	3299177	16-scf00504	16
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AX-158326845	25	95.642	KV453097.1	3320415	16-scf00504	16
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AX-158326837	25	95.752	KV453097.1	3312053	16-scf00504	16
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AX-158327095	25	99.58	KV453097.1	3688361	16-scf00504	16
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AX-158327099	25	99.58	KV453097.1	3691440	16-scf00504	16
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AX-158327102	25	99.58	KV453097.1	3694273	16-scf00504	16
AX-158327103	25	99.58	KV453097.1	3695353	16-scf00504	16
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AX-158327111	25	99.689	KV453097.1	3704647	16-scf00504	16

AX-158327206	25	99.689	KV453097.1	3856424	16-scf00504	16
AX-158327116	25	99.704	KV453097.1	3710902	16-scf00504	16
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AX-157684625	26	0	KV453224.1	16022	22-scf00511	22
AX-157684629	26	0	KV453224.1	19865	22-scf00511	22
AX-157684630	26	0	KV453224.1	20946	22-scf00511	22

AX-157684631	26	0	KV453224.1	22971	22-scf00511	22
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AX-157684644	26	0.126	KV453224.1	51944	22-scf00511	22
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AX-157687435	26	1.262	3ML01024904	13268	scf00878_1	UN
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AX-157684588	26	1.48	KV453218.1	16063	22-scf00506	22

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AX-158327935	26	1.48	KV453222.1	73171	22-scf00512	22
AX-158327829	26	1.808	KV453220.1	28368	22-scf00508	22
AX-158327832	26	1.808	KV453220.1	37075	22-scf00508	22
AX-158327833	26	1.808	KV453220.1	40803	22-scf00508	22
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AX-158327837	26	1.808	KV453220.1	53208	22-scf00508	22
AX-158327838	26	1.808	KV453220.1	58926	22-scf00508	22
AX-158327846	26	1.808	KV453220.1	71263	22-scf00508	22
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AX-158327849	26	2.136	KV453220.1	78084	22-scf00508	22
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AX-158327890	26	2.136	KV453220.1	148740	22-scf00508	22
AX-157888488	26	2.136	KV453220.1	150839	22-scf00508	22
AX-158327892	26	2.136	KV453220.1	151891	22-scf00508	22
AX-158327891	26	2.165	KV453220.1	151363	22-scf00508	22

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AX-158327771	26	2.214	KV453216.1	82046	22-scf00505	22
AX-157686745	26	2.214	KV453422.1	8956	scf00728	UN
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AX-158327902	26	2.245	KV453220.1	172698	22-scf00508	22
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AX-158340182	26	90.702	KV453237.1	329164	22-scf00518	22
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AX-158340389	26	90.702	KV453234.1	56474	22-scf00520	22
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AX-158340437	26	90.702	KV453235.1	59919	22-scf00522	22
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AX-157684695	26	90.702	KV453238.1	9852	22-scf00524	22
AX-157680383	26	90.702	KV453238.1	10503	22-scf00524	22
AX-157684697	26	90.702	KV453238.1	12562	22-scf00524	22
AX-157684700	26	90.702	KV453238.1	22347	22-scf00524	22
AX-157688735	26	90.702	KV453819.1	1045	scf02479	UN
AX-157684703	26	90.735	KV453238.1	23978	22-scf00524	22
AX-157684709	26	90.855	KV453238.1	39213	22-scf00524	22
AX-157680507	26	91.312	KV453467.1	20376	scf00801	UN
AX-158340243	26	91.43	KV453232.1	76525	22-scf00519	22
AX-158340269	26	91.43	KV453232.1	104696	22-scf00519	22
AX-158350479	27	0	KV453298.1	1472	27-scf00526	27
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AX-158340682	27	0.518	KV453299.1	8394	27-scf00525	27
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AX-158350684	27	0.518	KV453298.1	361220	27-scf00526	27
AX-158350698	27	0.518	KV453298.1	378176	27-scf00526	27
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AX-158340679	27	0.627	KV453299.1	1927	27-scf00525	27
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AX-158340699	27	0.846	KV453299.1	35602	27-scf00525	27
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AX-158340714	27	0.955	KV453299.1	53930	27-scf00525	27
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AX-158340717	27	0.955	KV453299.1	59220	27-scf00525	27
AX-158340722	27	0.955	KV453299.1	72234	27-scf00525	27
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AX-158340742	27	0.955	KV453299.1	107480	27-scf00525	27
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AX-158340745	27	0.955	KV453299.1	112732	27-scf00525	27
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AX-158353505	27	85.89	KV453311.1	3216258	27-scf00534	27
AX-157765129	27	85.89	KV453311.1	3218975	27-scf00534	27
AX-158353512	27	85.89	KV453311.1	3230993	27-scf00534	27
AX-157752423	27	86.565	KV453311.1	3227885	27-scf00534	27
AX-158353514	28	0	KV453260.1	12059	25-scf00535	25
AX-157775873	28	0.36	KV453260.1	113101	25-scf00535	25
AX-158353521	28	0.604	KV453260.1	54910	25-scf00535	25
AX-157882453	28	0.604	KV453260.1	55636	25-scf00535	25
AX-158419530	28	0.604	KV453260.1	68962	25-scf00535	25
AX-158353528	28	0.604	KV453260.1	94618	25-scf00535	25
AX-158353529	28	0.604	KV453260.1	97099	25-scf00535	25
AX-157748261	28	0.604	KV453260.1	107193	25-scf00535	25
AX-158353531	28	0.604	KV453260.1	110017	25-scf00535	25
AX-158353535	28	0.604	KV453260.1	118316	25-scf00535	25
AX-157775056	28	0.604	KV453260.1	122934	25-scf00535	25
AX-157851178	28	0.604	KV453260.1	124471	25-scf00535	25
AX-158353540	28	0.604	KV453260.1	125954	25-scf00535	25
AX-158353541	28	0.604	KV453260.1	127376	25-scf00535	25
AX-158353544	28	0.604	KV453260.1	130900	25-scf00535	25
AX-158353545	28	0.604	KV453260.1	131478	25-scf00535	25
AX-158353546	28	0.604	KV453260.1	131644	25-scf00535	25
AX-158353550	28	0.604	KV453260.1	136592	25-scf00535	25
AX-158353551	28	0.604	KV453260.1	136699	25-scf00535	25
AX-158353552	28	0.604	KV453260.1	138073	25-scf00535	25
AX-158353554	28	0.604	KV453260.1	140861	25-scf00535	25
AX-158353555	28	0.604	KV453260.1	141598	25-scf00535	25
AX-158353556	28	0.604	KV453260.1	142348	25-scf00535	25
AX-158353558	28	0.604	KV453260.1	143554	25-scf00535	25
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AX-158353562	28	0.604	KV453260.1	154354	25-scf00535	25
AX-158353563	28	0.604	KV453260.1	154693	25-scf00535	25
AX-157701608	28	0.604	KV453260.1	155918	25-scf00535	25
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AX-158353565	28	0.604	KV453260.1	158145	25-scf00535	25
AX-157774490	28	0.604	KV453260.1	158305	25-scf00535	25
AX-158353568	28	0.604	KV453260.1	160712	25-scf00535	25

AX-158353569	28	0.604	KV453260.1	161308	25-scf00535	25
AX-158353571	28	0.604	KV453260.1	162367	25-scf00535	25
AX-158353572	28	0.604	KV453260.1	164141	25-scf00535	25
AX-158353574	28	0.604	KV453260.1	166630	25-scf00535	25
AX-158353576	28	0.604	KV453260.1	170492	25-scf00535	25
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AX-158353581	28	0.604	KV453260.1	181423	25-scf00535	25
AX-158353582	28	0.604	KV453260.1	182249	25-scf00535	25
AX-158353583	28	0.604	KV453260.1	184636	25-scf00535	25
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AX-158353586	28	0.604	KV453260.1	186569	25-scf00535	25
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AX-157862077	28	0.604	KV453260.1	235371	25-scf00535	25
AX-157740878	28	0.604	KV453260.1	248435	25-scf00535	25
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AX-157851323	28	3.882	KV453263.1	571335	25-scf00537	25
AX-157851324	28	3.91	KV453263.1	572343	25-scf00537	25
AX-158354544	28	3.945	KV453263.1	573963	25-scf00537	25
AX-158354545	28	3.945	KV453263.1	576122	25-scf00537	25
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AX-158354552	28	3.991	KV453263.1	581758	25-scf00537	25
AX-158354557	28	3.991	KV453263.1	587235	25-scf00537	25
AX-158354562	28	3.991	KV453263.1	594054	25-scf00537	25
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AX-158354566	28	4.209	KV453263.1	599515	25-scf00537	25
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AX-158381696	28	4.318	KV453263.1	604371	25-scf00537	25
AX-157739082	28	4.355	KV453263.1	604928	25-scf00537	25

AX-158354572	28	4.391	KV453263.1	606911	25-scf00537	25
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AX-157726368	28	4.391	KV453263.1	616947	25-scf00537	25
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AX-158354581	28	4.493	KV453263.1	623659	25-scf00537	25
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AX-158354583	28	4.592	KV453263.1	627067	25-scf00537	25
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AX-157773879	28	4.756	KV453263.1	640685	25-scf00537	25
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AX-158354596	28	4.756	KV453263.1	646809	25-scf00537	25
AX-158354598	28	4.756	KV453263.1	651166	25-scf00537	25
AX-158354599	28	4.756	KV453263.1	651559	25-scf00537	25
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AX-158354606	28	4.756	KV453263.1	663673	25-scf00537	25
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AX-158354634	28	4.756	KV453263.1	696627	25-scf00537	25
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AX-157752444	28	4.81	KV453263.1	659525	25-scf00537	25
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AX-158354622	28	5.083	KV453263.1	685380	25-scf00537	25
AX-158354628	28	5.083	KV453263.1	690760	25-scf00537	25
AX-158354630	28	5.083	KV453263.1	692540	25-scf00537	25
AX-158354631	28	5.166	KV453263.1	693667	25-scf00537	25

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AX-158354637	28	5.411	KV453263.1	698880	25-scf00537	25
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AX-158354653	28	5.912	KV453263.1	723643	25-scf00537	25
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AX-158354660	28	6.723	KV453263.1	732853	25-scf00537	25
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AX-158354852	28	10.548	KV453263.1	1031530	25-scf00537	25
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AX-158354888	28	11.05	KV453263.1	1083263	25-scf00537	25
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AX-158354881	28	11.518	KV453263.1	1072384	25-scf00537	25
AX-158354883	28	11.52	KV453263.1	1075605	25-scf00537	25
AX-158354886	28	11.52	KV453263.1	1080734	25-scf00537	25
AX-157771237	28	11.553	KV453263.1	1081304	25-scf00537	25
AX-158354887	28	11.692	KV453263.1	1082458	25-scf00537	25
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AX-158354907	28	12.755	KV453263.1	1114665	25-scf00537	25
AX-158354899	28	12.759	KV453263.1	1098961	25-scf00537	25
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AX-157773654	28	12.759	KV453263.1	1117022	25-scf00537	25
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AX-158354910	28	12.773	KV453263.1	1118739	25-scf00537	25
AX-158354911	28	12.947	KV453263.1	1119198	25-scf00537	25
AX-158354913	28	13.209	KV453263.1	1120710	25-scf00537	25
AX-157882485	28	13.461	KV453263.1	1121870	25-scf00537	25
AX-158354915	28	13.476	KV453263.1	1123696	25-scf00537	25
AX-158354916	28	13.476	KV453263.1	1124585	25-scf00537	25
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AX-157889050	28	35.837	KV453263.1	2651504	25-scf00537	25
AX-158355977	28	35.837	KV453263.1	2664222	25-scf00537	25
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AX-158355992	28	35.882	KV453263.1	2679131	25-scf00537	25
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AX-158355986	28	36.172	KV453263.1	2674952	25-scf00537	25

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AX-158358645	28	46.049	KV453263.1	6388698	25-scf00537	25
AX-158357935	28	46.062	KV453263.1	5384294	25-scf00537	25
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AX-157864199	28	46.125	KV453263.1	4723040	25-scf00537	25
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AX-158357689	28	46.125	KV453263.1	5054354	25-scf00537	25
AX-158357923	28	46.125	KV453263.1	5363036	25-scf00537	25
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AX-158358023	28	46.125	KV453263.1	5528588	25-scf00537	25
AX-158358046	28	46.125	KV453263.1	5552169	25-scf00537	25
AX-158357403	28	46.177	KV453263.1	4597458	25-scf00537	25
AX-158357404	28	46.177	KV453263.1	4598056	25-scf00537	25
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AX-158357426	28	46.177	KV453263.1	4623102	25-scf00537	25
AX-158357428	28	46.177	KV453263.1	4625222	25-scf00537	25
AX-158357451	28	46.177	KV453263.1	4657364	25-scf00537	25
AX-158357467	28	46.177	KV453263.1	4683263	25-scf00537	25
AX-158357521	28	46.177	KV453263.1	4754424	25-scf00537	25
AX-158357528	28	46.177	KV453263.1	4758910	25-scf00537	25
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AX-158357756	28	46.177	KV453263.1	5154989	25-scf00537	25
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AX-158357723	28	46.495	KV453263.1	5106143	25-scf00537	25
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AX-158357899	28	46.495	KV453263.1	5327518	25-scf00537	25
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AX-158362001	28	79.297	KV453267.1	2132475	25-scf00538	25
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AX-158367172	29	2.906	KV453338.1	23679	29-scf00545	29
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AX-157684861	29	3.066	KV453339.1	35906	29-scf00546	29
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AX-157717801	29	4.668	KV453344.1	84279	29-scf00549	29
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AX-158374929	29	88.795	KV453353.1	83627	29-scf00559	29
AX-158374933	29	88.795	KV453353.1	87618	29-scf00559	29
AX-158374936	29	88.795	KV453353.1	89244	29-scf00559	29
AX-158374942	29	88.795	KV453353.1	94796	29-scf00559	29
AX-158374951	29	88.795	KV453353.1	105229	29-scf00559	29
AX-158374963	29	88.795	KV453353.1	117564	29-scf00559	29
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AX-158375169	29	88.795	KV453355.1	100698	29-scf00560	29
AX-158374937	29	88.854	KV453353.1	89805	29-scf00559	29
AX-158374899	29	88.96	KV453353.1	48715	29-scf00559	29
AX-158374903	29	88.96	KV453353.1	56479	29-scf00559	29
AX-158374934	29	88.96	KV453353.1	88621	29-scf00559	29
AX-158374944	29	88.96	KV453353.1	98494	29-scf00559	29
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AX-158374961	29	88.96	KV453353.1	115287	29-scf00559	29
AX-158374966	29	88.96	KV453353.1	118979	29-scf00559	29
AX-158374968	29	88.96	KV453353.1	120932	29-scf00559	29
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AX-157853165	29	88.96	KV453353.1	138254	29-scf00559	29
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AX-158375043	29	89.124	KV453353.1	360371	29-scf00559	29
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AX-158375052	29	89.124	KV453353.1	368774	29-scf00559	29
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AX-158374908	29	89.494	KV453353.1	60733	29-scf00559	29
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AX-157853225	29	89.494	KV453355.1	182564	29-scf00560	29
AX-157684893	29	89.494	KV453354.1	25328	29-scf00561	29
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