

SF99719: 720 Group Hiper  
 PTF Group Level: 225  
 Last Updated: 12/27/22  
 How to Display: WRKPTFGRP SF99719  
 Description: All HIPERS since announce of V7R2M0.

NOTE: When installing the HIPER Group, it is considered "best practice" to also verify that the "MustGather Data Capture tool" (library QMGTOOLS) is at the most recent build level. For more information, see:  
<http://www-01.ibm.com/support/docview.wss?uid=nas8N1011297>

PTFS REMOVED:

- PTF MF67510 was removed from level 173 on 7/14/2020 (replaced by fixing PTF MF67576 in level 174).

- PTF SI79976 was removed from level 216 on 6/28/2022 (Superseding PTF SI80439 was added to level 217 on 7/12/2022).

Planned Update Schedule: Every other Tuesday

Related PTF Group(s): None

PTF ordering information:

<http://www.ibm.com/support/fixcentral/ibmi>

Links to group member PTF special instructions:

[http://www.ibm.com/support/docview.wss?uid=nas4SF99719\\_SI](http://www.ibm.com/support/docview.wss?uid=nas4SF99719_SI)

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PTF NUMBER	DATE ADDED	APAR	LICENSED PROGRAM	CUMULATIVE PACKAGE
*****	*****	*****	*****	*****
MF70561	12/27/22	MA49976	5770999	1000
MF70447	12/27/22	MA49927	5770999	1000
MF70525	12/15/22	MA49958	5770999	1000
SI81441	12/15/22	SE78676	5770SS1	1000
SI81845	11/29/22	SE78893	5770SS1	1000
SI81838	11/29/22	SE78907	5770SS1	1000
SI81709	11/29/22	SE78813	5770SS1	1000
SI80912	11/29/22	SE78279	5770TS1	1000
SI81291	11/01/22	SE78587	5733SC1	1000
SI81276	10/04/22	SE78577	5770SS1	1000
SI81024	09/06/22	SE78413	5770SS1	1000
MF69937	08/23/22	MA49700	5770999	1000
MF70236	08/23/22	MA49836	5770999	1000
MF70231	08/23/22	MA49834	5770999	1000
SI80587	08/09/22	SE78186	5733SC1	1000
SI80203	07/12/22	SE78024	5733SC1	1000
MF69992	07/12/22	MA49727	5770999	1000
MF69855	07/12/22	MA49619	5770999	1000
SI80439	07/12/22	SE78158	5770SS1	1000
MF69918	05/17/22	MA49691	5770999	1000
SI79260	04/19/22	SE77527	5733SC1	1000
MF69049	04/19/22	MA48919	5770999	1000
SI79367	04/05/22	SE77597	5770SS1	1000
SI79263	04/05/22	SE77377	5770SS1	1000
MF69139	03/22/22	MA49308	5770999	1000
MF69540	03/08/22	MA49502	5770999	1000

MF69499	03/08/22	MA49481	5770999	1000
MF69516	02/22/22	MA49489	5770999	1000
MF69512	02/22/22	MA49490	5770999	1000
MF69409	02/08/22	MA49444	5770999	1000
MF69217	02/08/22	MA49337	5770999	1000
MF69472	02/08/22	MA49467	5770999	1000
SI78581	02/08/22	SE77105	5770SS1	1000
SI78543	02/08/22	SE77074	5770SS1	1000
MF69353	01/13/22	MA49414	5770999	1000
MF69340	01/13/22	MA49413	5770999	1000
MF69371	01/13/22	MA49428	5770999	1000
SI78002	01/13/22	SE76635	5770SS1	1000
MF69239	12/28/21	MA49361	5770999	1000
SI78129	12/28/21	SE76762	5770SS1	1000
SI77898	12/28/21	SE76518	5770SS1	1000
MF69213	12/14/21	MA49352	5770999	1000
SI77789	12/14/21	SE76664	5770SS1	1000
SI77631	12/07/21	SE76584	5733SC1	1000
SI78039	12/07/21	SE76756	5770SS1	1000
SI78019	12/07/21	SE76744	5770SS1	1000
MF69142	11/30/21	MA49297	5770999	1000
SI77434	11/30/21	SE76401	5770SS1	1000
MF67662	11/16/21	MA48499	5770999	1000
SI77634	11/16/21	SE76578	5770SS1	1000
MF69053	11/02/21	MA49240	5770999	1000
SI77182	10/05/21	SE76178	5733SC1	1000
MF68965	09/21/21	MA49198	5770999	1000
MF68824	09/21/21	MA49115	5770999	1000
SI76509	09/21/21	SE75747	5770SS1	1000
MF68462	09/07/21	MA47436	5770999	1000
MF68635	09/07/21	MA48953	5770999	1000
SI76798	08/24/21	SE75883	5770SS1	1000
MF68642	07/27/21	MA48985	5770999	1000
MF68807	07/27/21	MA49107	5770999	1000
MF68781	07/13/21	MA49091	5770999	1000
MF68684	07/13/21	MA49032	5770999	1000
MF66455	06/29/21	MA47836	5770999	9297
SI76272	06/29/21	SE75618	5770SS1	1000
SI76759	06/29/21	SE75867	5770SS1	1000
SI76554	06/29/21	SE75766	5770SS1	1000
MF68737	06/15/21	MA49064	5770999	1000
MF68655	06/15/21	MA49022	5770999	1000
MF68539	06/01/21	MA48941	5770999	1000
MF68614	06/01/21	MA49004	5770999	1000
MF68623	06/01/21	MA49014	5770999	1000
MF68637	05/17/21	MA49019	5770999	1000
MF68656	05/17/21	MA49023	5770999	1000
MF68649	05/17/21	MA49021	5770999	1000
MF68645	05/17/21	MA49020	5770999	1000
SI76292	05/17/21	SE75594	5770SS1	1000
SI76191	05/04/21	SE73586	5770SS1	1000
SI75995	04/20/21	SE75380	5733SC1	1000
MF68498	04/20/21	MA48947	5770999	1000

MF67788	04/20/21	MA48593	5770999	1000
SI76105	04/20/21	SE75179	5770TC1	1000
SI75594	03/23/21	SE75164	5733SC1	1000
MF68260	03/23/21	MA48810	5770999	1000
SI75144	03/23/21	SE74219	5770SS1	1000
MF68393	03/09/21	MA48894	5770999	1000
MF68379	02/23/21	MA48887	5770999	1000
SI75444	02/23/21	SE75142	5770SS1	1000
MF68326	02/09/21	MA48863	5770999	1084
MF68322	02/09/21	MA48861	5770999	1084
MF68313	02/09/21	MA48859	5770999	1084
MF68135	02/09/21	MA48735	5770999	1000
MF68074	02/09/21	MA48750	5770999	1000
SI73715	02/09/21	SE73897	5770SS1	1084
SI75117	01/12/21	SE74828	5733SC1	1084
MF68256	01/12/21	MA47136	5770999	1084
MF68264	01/12/21	MA48825	5770999	1084
MF67893	12/15/20	MA48658	5770999	1084
MF68133	12/15/20	MA48776	5770999	1084
MF68066	12/01/20	MA48743	5770999	1084
MF68119	12/01/20	MA48774	5770999	1084
MF68097	12/01/20	MA48752	5770999	1084
MF68096	12/01/20	MA48745	5770999	1084
MF68179	12/01/20	MA48795	5770999	1084
MF68128	12/01/20	MA48775	5770999	1084
MF67746	11/17/20	MA48540	5770999	1084
SI74695	11/17/20	SE74646	5770SS1	1084
SI73552	11/17/20	SE73810	5770SS1	1000
MF67802	11/03/20	MA48613	5770999	1084
MF68000	11/03/20	MA48705	5770999	1084
MF68006	11/03/20	MA48713	5770999	1084
MF67856	11/03/20	MA48637	5770999	1084
MF67446	10/20/20	MA48404	5770999	0296
SI74161	10/20/20	SE74280	5770SS1	1084
MF67415	10/06/20	MA48382	5770999	1084
MF67874	10/06/20	MA48619	5770999	1084
SI74336	10/06/20	SE74406	5770DG1	1084
SI74276	10/06/20	SE73893	5770SS1	0296
MF67793	09/22/20	MA48567	5770999	0296
MF67309	09/22/20	MA48334	5770999	0296
MF67780	09/22/20	MA48603	5770999	1084
MF67681	08/25/20	MA48542	5770999	0296
MF67600	08/25/20	MA48497	5770999	0296
SI74090	08/25/20	SE74087	5770SS1	0296
MF67424	08/11/20	MA48393	5770999	0296
MF67576	07/28/20	MA48477	5770999	0296
MF67129	07/28/20	MA48144	5770999	0114
MF67112	07/28/20	MA47943	5770999	0114
MF66544	07/28/20	MA47837	5770999	0114
SI73119	07/14/20	SE73508	5770SS1	0296
MF67472	07/07/20	MA48411	5770999	0296
SI73484	07/07/20	SE73775	5770SS1	0296
MF67244	06/23/20	MA48223	5770999	0296

SI73430	05/27/20	SE73729	5733SC1	0296
MF67389	05/27/20	MA48384	5770999	0296
MF67169	05/15/20	MA48275	5770999	0296
SI72600	05/15/20	SE73081	5770SS1	0296
SI73184	05/15/20	SE73496	5770SS1	0296
SI73228	05/15/20	SE73291	5770SS1	0296
SI73227	05/15/20	SE73294	5770SS1	0296
SI73226	05/15/20	SE72848	5770SS1	0296
MF67170	04/21/20	MA48276	5770999	0296
SI72647	04/21/20	SE73266	5770SS1	0296
SI72645	04/21/20	SE73142	5770TC1	0296
SI73027	04/21/20	SE73393	5770TC1	0296
MF67237	04/07/20	MA48308	5770999	0296
MF66838	04/07/20	MA48052	5770999	0296
MF62222	04/07/20	MA45707	5770999	0296
MF67189	04/07/20	MA48282	5770999	0296
SI72311	04/07/20	SE72932	5770SS1	1000
SI72641	04/07/20	SE73274	5770SS1	0296
MF66959	03/10/20	MA48091	5770999	0296
MF66974	03/10/20	MA48135	5770999	0114
MF67086	03/10/20	MA48227	5770999	0114
SI72359	03/10/20	SE72891	5770TC1	0296
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MF67040	02/11/20	MA48192	5770999	0114
MF66846	01/28/20	MA48067	5770999	0114
MF66952	01/28/20	MA48139	5770999	0114
MF66808	01/14/20	MA48055	5770999	0114
SI71746	12/31/19	SE72465	5733SC1	0114
MF66616	12/31/19	MA47953	5770999	0114
MF66924	12/31/19	MA48112	5770999	0114
SI71636	12/03/19	SE72561	5770SS1	0114
MF66707	11/05/19	MA48005	5770999	0114
MF66640	11/05/19	MA47959	5770999	0114
MF66548	11/05/19	MA47902	5770999	0114
MF66646	10/22/19	MA47961	5770999	0114
SI71203	10/22/19	SE72229	5770SS1	0114
MF66686	10/08/19	MA47978	5770999	0114
MF66664	10/08/19	MA47979	5770999	0114
SI71034	10/08/19	SE71962	5770SS1	0114
MF65969	09/24/19	MA47637	5770999	9297
MF66521	09/24/19	MA47897	5770999	9297
SI70819	09/10/19	SE71780	5733SC1	9297
MF66503	09/10/19	MA47881	5770999	0114
MF66552	09/10/19	MA47903	5770999	0114
MF66486	08/27/19	MA47873	5770999	9297
SI70732	08/27/19	SE71887	5770SS1	9297
MF66376	08/13/19	MA47799	5770999	9297
MF66245	08/13/19	MA47759	5770999	9297
SI70724	08/13/19	SE71781	5770DG1	9297
MF66027	07/30/19	MA47640	5770999	9297
MF66135	07/30/19	MA47680	5770999	9297
MF66384	07/16/19	MA47806	5770999	9297
MF65916	07/16/19	MA47610	5770999	9297

MF66108	07/16/19	MA47429	5770999	9297
MF65976	07/16/19	MA47625	5770999	9297
MF65992	07/02/19	MA47650	5770999	9297
MF65985	07/02/19	MA47646	5770999	9297
MF66001	07/02/19	MA47654	5770999	9297
MF66390	07/02/19	MA47823	5770999	9297
MF66380	07/02/19	MA47822	5770999	9297
SI69883	06/18/19	SE71220	5770SS1	9297
SI68645	06/18/19	SE70173	5770SS1	9123
SI70171	06/18/19	SE69732	5770SS1	1000
MF66167	05/28/19	MA47722	5770999	9297
MF65972	05/28/19	MA47635	5770999	9297
MF66100	05/28/19	MA47677	5770999	9297
SI69907	05/28/19	SE71236	5770SS1	9297
MF66050	05/14/19	MA47675	5770999	9297
MF65653	05/14/19	MA47458	5770999	9123
MF65859	05/14/19	MA47582	5770999	9297
MF65735	04/30/19	MA47511	5770999	9297
MF65579	04/30/19	MA47404	5770999	9297
MF66015	04/30/19	MA47639	5770999	9297
MF66014	04/30/19	MA47638	5770999	9297
SI69118	04/30/19	SE70631	5770SS1	9297
MF65734	04/16/19	MA47510	5770999	9297
MF65827	04/16/19	MA47528	5770999	9297
SI69591	04/16/19	SE70979	5770SS1	9297
SI69553	04/16/19	SE70846	5770SS1	9297
SI69336	04/02/19	SE70551	5733SC1	9297
MF65706	04/02/19	MA47481	5770999	9297
MF65808	04/02/19	MA47540	5770999	9297
MF65696	03/19/19	MA47488	5770999	9123
MF65692	03/19/19	MA47478	5770999	9123
MF65646	03/05/19	MA47445	5770999	9123
MF65196	03/05/19	MA47064	5770999	9123
MF64569	03/05/19	MA46343	5770999	8249
SI69061	03/05/19	SE70583	5770SS1	9123
MF65665	02/20/19	MA47465	5770999	9123
MF65636	02/20/19	MA47437	5770999	9123
MF65606	02/05/19	MA47426	5770999	9123
MF65581	01/22/19	MA47405	5770999	9123
MF65545	01/22/19	MA47383	5770999	9123
MF65528	01/22/19	MA47003	5770999	9123
SI68892	01/22/19	SE70420	5770SS1	9123
SI68550	01/22/19	SE70121	5770SS1	9123
MF65508	01/08/19	MA47119	5770999	9123
SI68706	01/08/19	SE70250	5770SS1	9123
SI68857	01/08/19	SE70262	5770SS1	9123
MF65524	12/26/18	MA47373	5770999	9123
MF65533	12/26/18	MA47376	5770999	9123
SI68794	12/26/18	SE70342	5770SS1	9123
SI68727	12/11/18	SE70248	5733SC1	9123
MF65465	12/11/18	MA47344	5770999	9123
MF65499	12/11/18	MA47361	5770999	9123
MF65497	12/11/18	MA47360	5770999	9123

MF65405	11/27/18	MA47313	5770999	9123
SI68617	11/27/18	SE70034	5770SS1	9123
MF65411	11/13/18	MA47317	5770999	9123
SI68467	11/13/18	SE70070	5770SS1	9123
MF65394	10/30/18	MA47310	5770999	9123
MF65344	10/30/18	MA47278	5770999	9123
MF65419	10/30/18	MA47319	5770999	9123
MF65415	10/30/18	MA47318	5770999	9123
MF65356	10/30/18	MA47293	5770999	9123
MF65430	10/30/18	MA47324	5770999	9123
MF65388	10/16/18	MA47305	5770999	9123
MF64816	10/16/18	MA46976	5770999	8249
MF65385	10/16/18	MA47303	5770999	9123
MF65375	10/16/18	MA47300	5770999	9123
SI67986	10/16/18	SE69581	5770SS1	9123
SI68406	10/16/18	SE69927	5770SS1	9123
MF65260	10/02/18	MA47098	5770999	9123
SI68398	10/02/18	SE70022	5770SS1	9123
SI68326	09/18/18	SE69936	5733SC1	9123
MF65274	09/18/18	MA47234	5770999	9123
MF65210	09/18/18	MA47191	5770999	9123
MF65199	09/18/18	MA47209	5770999	9123
MF65326	09/18/18	MA47275	5770999	9123
MF65253	09/18/18	MA47181	5770999	9123
MF65247	09/18/18	MA46869	5770999	9123
MF65221	09/18/18	MA47052	5770999	9123
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MF65290	09/18/18	MA47252	5770999	9123
MF65232	09/18/18	MA47222	5770999	9123
MF65054	09/18/18	MA47120	5770999	9123
MF65172	09/18/18	MA47193	5770999	9123
MF65220	09/18/18	MA47215	5770999	9123
MF65211	09/18/18	MA47212	5770999	9123
MF65175	09/18/18	MA47192	5770999	8249
SI67955	09/18/18	SE69357	5770SS1	9123
SI68187	09/18/18	SE69798	5770SS1	9123
SI68251	09/04/18	SE69893	5733SC1	9123
SI68291	09/04/18	SE69925	5770SS1	9123
SI68200	09/04/18	SE69814	5770TC1	9123
MF65264	08/21/18	MA47235	5770999	9123
MF65245	08/21/18	MA47230	5770999	9123
MF65136	08/07/18	MA47168	5770999	8249
SI68120	08/07/18	SE69785	5770SS1	1000
MF59244	07/24/18	MA44114	5770999	5135
MF59243	07/24/18	MA44121	5770999	5135
MF58811	07/24/18	MA43824	5770999	4276
MF64967	07/24/18	MA47061	5770999	8249
MF65163	07/24/18	MA47187	5770999	8249
MF64929	07/24/18	MA47033	5770999	8249
MF65015	07/24/18	MA47049	5770999	8249
MF64996	07/24/18	MA47091	5770999	8249
MF64906	07/24/18	MA47036	5770999	8249

MF65090	07/10/18	MA47143	5770999	8249
SI67783	07/10/18	SE69502	5770SS1	8249
SI67929	07/10/18	SE69654	5770SS1	8249
MF64658	06/26/18	MA46908	5770999	8249
MF64546	06/26/18	MA46850	5770999	8249
MF65082	06/26/18	MA47139	5770999	8249
MF65036	06/12/18	MA47109	5770999	8249
MF63979	06/12/18	MA46549	5770999	8032
MF64988	05/29/18	MA47088	5770999	8249
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MF64990	05/29/18	MA47090	5770999	8249
MF65002	05/29/18	MA47092	5770999	8249
MF64981	05/29/18	MA47084	5770999	8249
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MF64915	05/29/18	MA47046	5770999	8249
MF64918	05/29/18	MA47047	5770999	8249
MF64985	05/29/18	MA47087	5770999	8249
MF64921	05/15/18	MA47042	5770999	8249
MF64642	05/15/18	MA46792	5770999	8249
MF64784	05/15/18	MA46967	5770999	8249
SI63651	05/15/18	SE66258	5770SS1	7290
SI67434	05/01/18	SE69141	5733SC1	8249
MF64809	05/01/18	MA46923	5770999	8249
MF64937	05/01/18	MA47056	5770999	8249
MF64460	05/01/18	MA46787	5770999	8249
SI67250	05/01/18	SE69040	5770SS1	8249
MF64757	04/17/18	MA46959	5770999	8249
SI67424	04/17/18	SE69201	5770SS1	8249
SI67240	04/17/18	SE69050	5770SS1	8249
SI67359	04/17/18	SE68964	5770TC1	8249
MF64595	04/03/18	MA46876	5770999	8249
SI67329	04/03/18	SE69114	5770SS1	8249
MF64792	03/20/18	MA46987	5770999	8249
MF64622	03/20/18	MA46891	5770999	8249
MF64762	03/20/18	MA46971	5770999	8249
MF64647	03/20/18	MA46906	5770999	8249
MF64712	03/20/18	MA46940	5770999	8249
MF64635	03/20/18	MA46899	5770999	8249
MF64717	03/20/18	MA46946	5770999	8249
MF64598	03/20/18	MA46878	5770999	8032
MF64662	03/20/18	MA46901	5770999	8249
MF64586	03/20/18	MA46868	5770999	8249
MF64696	03/20/18	MA46932	5770999	8249
SI66813	03/20/18	SE68754	5770SS1	8249
SI67084	03/20/18	SE68943	5770SS1	8249
SI65925	03/20/18	SE68141	5770TC1	9297
MF64579	03/06/18	MA46778	5770999	8249
MF64703	03/06/18	MA46934	5770999	8249
MF64697	03/06/18	MA46933	5770999	8249
MF64709	03/06/18	MA46939	5770999	8249
MF64194	02/20/18	MA46642	5770999	8032
MF64592	02/20/18	MA46875	5770999	8249
MF64679	02/20/18	MA46921	5770999	8249

MF64601	02/20/18	MA46879	5770999	8032
MF64607	02/20/18	MA46882	5770999	8032
MF64611	02/20/18	MA46884	5770999	8032
MF64614	02/20/18	MA46885	5770999	8032
SI66177	02/20/18	SE68329	5770SS1	8249
MF64565	02/06/18	MA46864	5770999	8032
MF64536	01/24/18	MA46852	5770999	8249
MF64552	01/24/18	MA46856	5770999	8032
SI66510	01/09/18	SE68580	5733SC1	8032
MF64476	01/09/18	MA46649	5770999	8249
MF64501	01/09/18	MA46835	5770999	8249
MF64191	12/26/17	MA46665	5770999	8032
MF64313	12/12/17	MA46557	5770999	8032
MF64117	12/12/17	MA46629	5770999	8032
MF64314	12/12/17	MA46724	5770999	8032
MF64376	12/12/17	MA46759	5770999	8032
MF64413	12/12/17	MA46783	5770999	8032
SI66474	12/12/17	SE68558	5770SS1	8032
SI66254	11/29/17	SE68385	5733SC1	8032
MF64390	11/28/17	MA46763	5770999	8032
MF64382	11/28/17	MA46764	5770999	8032
MF64371	11/20/17	MA46754	5770999	8032
MF64378	11/20/17	MA46760	5770999	8032
SI66291	11/20/17	SE68403	5770SS1	8032
MF64338	11/14/17	MA46737	5770999	8032
MF64293	11/14/17	MA46687	5770999	8032
SI66117	11/14/17	SE68302	5770SS1	8032
MF64147	10/31/17	MA46610	5770999	8032
MF64206	10/31/17	MA46670	5770999	8032
MF64237	10/31/17	MA46688	5770999	8032
MF64247	10/31/17	MA46694	5770999	8032
MF64250	10/31/17	MA46695	5770999	8032
MF64253	10/31/17	MA46697	5770999	8032
MF64275	10/31/17	MA46707	5770999	8032
MF63939	10/31/17	MA46528	5770999	8032
MF64064	10/31/17	MA46609	5770999	7290
SI66058	10/31/17	SE68260	5770SS1	8032
SI65843	10/31/17	SE68068	5770SS1	8032
MF64228	10/17/17	MA46681	5770999	7290
MF64138	10/17/17	MA46597	5770999	8032
MF64003	09/19/17	MA46567	5770999	8032
MF64089	09/19/17	MA46614	5770999	8032
SI65623	09/19/17	SE67797	5770SS1	8032
MF63866	09/05/17	MA46500	5770999	7290
MF63733	09/05/17	MA46346	5770999	7290
MF64001	08/22/17	MA46566	5770999	7290
MF64024	08/22/17	MA46585	5770999	7290
SI65391	08/22/17	SE67725	5770SS1	7290
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MF63619	08/08/17	MA46382	5770999	7290
MF63831	08/08/17	MA46475	5770999	7290
MF63641	08/08/17	MA46230	5770999	7290
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SI65328	07/25/17	SE67681	5770SS1	7290
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MF63710	06/27/17	MA46430	5770999	7290
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SI64248	06/27/17	SE66874	5770BR1	7290
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MF63605	06/13/17	MA46380	5770999	7290
MF63688	06/13/17	MA46416	5770999	7290
MF63656	06/13/17	MA46400	5770999	7290
MF63698	06/13/17	MA46417	5770999	7290
MF63680	06/13/17	MA46412	5770999	7290
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SI65024	06/13/17	SE67434	5770SS1	7290
SI65094	06/13/17	SE67483	5770SS1	7290
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MF63500	05/30/17	MA46327	5770999	7290
MF63632	05/30/17	MA46392	5770999	7290
SI64805	05/30/17	SE67245	5770SS1	7290
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MF63646	05/16/17	MA46399	5770999	7290
MF63568	05/16/17	MA46360	5770999	7290
SI64737	05/16/17	SE67209	5770SS1	7290
SI64630	05/16/17	SE67142	5770SS1	7290
SI64750	05/16/17	SE67216	5770SS1	7290
SI64537	05/16/17	SE67116	5770SS1	7290
MF63566	05/10/17	MA46362	5770999	7290
MF62067	05/02/17	MA45633	5770999	6306
MF62675	05/02/17	MA45930	5770999	7290
MF63054	05/02/17	MA46049	5770999	7068
MF63078	05/02/17	MA46060	5770999	7068
MF63338	05/02/17	MA46252	5770999	7290
MF63036	05/02/17	MA46098	5770999	7068
MF63504	05/02/17	MA46330	5770999	7290
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MF63488	04/18/17	MA46325	5770999	7290
MF63272	04/18/17	MA46218	5770999	7290
MF63395	04/18/17	MA46276	5770999	7290
MF63195	04/18/17	MA46174	5770999	7290
SI63674	04/18/17	SE66519	5770SS1	7290
SI64491	04/18/17	SE67091	5770SS1	7290

SI64296	04/18/17	BE00014	5770SS1	7290
MF62812	04/04/17	MA45971	5770999	7068
SI64411	04/04/17	SE66976	5770SS1	7290
MF63193	03/21/17	MA46173	5770999	7290
MF63048	03/21/17	MA46067	5770999	7068
MF63211	03/07/17	MA45603	5770999	7290
MF63031	03/07/17	MA46096	5770999	7290
SI63769	03/07/17	SE66576	5770SS1	7290
MF63253	02/21/17	MA46209	5770999	7068
MF63251	02/21/17	MA46183	5770999	7068
MF63176	02/21/17	MA46152	5770999	7290
MF63082	02/21/17	MA46113	5770999	7068
SI63656	02/07/17	SE66494	5733SC1	7290
MF63236	02/07/17	MA46199	5770999	7068
MF63201	02/07/17	MA46179	5770999	7290
MF61416	01/24/17	MA45299	5770999	6127
MF63155	01/24/17	MA46157	5770999	7068
MF62971	01/24/17	MA46050	5770999	7068
MF62972	01/24/17	MA46072	5770999	7068
MF63070	01/24/17	MA46111	5770999	7068
MF61742	01/10/17	MA45436	5770999	6306
MF62985	01/10/17	MA46052	5770999	7068
MF62986	01/10/17	MA46069	5770999	7068
SI63591	01/10/17	SE66450	5770BR1	7068
MF62974	12/27/16	MA46073	5770999	7068
MF63017	12/27/16	MA46089	5770999	7068
MF63058	12/27/16	MA46107	5770999	7068
MF62841	12/27/16	MA46007	5770999	7068
SI62622	12/13/16	SE65848	5733SC1	7068
MF63043	12/13/16	MA46100	5770999	7068
MF62829	12/13/16	MA45962	5770999	7068
MF63040	12/13/16	MA46099	5770999	7068
SI63171	12/13/16	SE66159	5770DG1	7068
SI62942	12/13/16	SE66025	5770SS1	7068
SI63211	11/29/16	SE66199	5733SC1	7068
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MF62835	11/15/16	MA45987	5770999	7068
MF62201	11/15/16	MA45692	5770999	6306
MF62565	11/15/16	MA45865	5770999	6306
MF62721	11/15/16	MA45946	5770999	6306
MF62726	11/15/16	MA45950	5770999	6306
MF62807	11/15/16	MA45986	5770999	7068
MF62913	11/15/16	MA46038	5770999	7068
SI62208	11/15/16	SE64766	5770WDS	6306
MF62583	11/01/16	MA45894	5770999	7068
MF62839	11/01/16	MA46006	5770999	7068
MF62817	11/01/16	MA45998	5770999	7068
SI62722	11/01/16	SE65860	5770SS1	7068
SI62464	11/01/16	SE65732	5770SS1	7068
MF62161	10/18/16	MA45679	5770999	6306
SI62642	10/04/16	SE65865	5733SC1	7068
SI62578	10/04/16	SE65607	5770SS1	7068
SI62168	10/04/16	SE65580	5770SS1	8032

SI62620	10/04/16	SE65838	5770SS1	7068
MF62275	09/20/16	MA45737	5770999	6306
MF61863	09/06/16	MA45524	5770999	6306
MF62439	09/06/16	MA45767	5770999	6306
MF62167	09/06/16	MA45582	5770999	6306
SI61290	09/06/16	SE65224	5770SS1	6306
MF62534	08/23/16	MA45864	5770999	6306
MF61795	08/23/16	MA45329	5770999	6306
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SI62037	08/23/16	SE65468	5770SS1	6306
SI62046	08/23/16	SE64952	5770SS1	6306
SI61390	08/09/16	SE65304	5733SC1	6306
MF61984	08/09/16	MA45591	5770999	6306
MF62427	08/09/16	MA45812	5770999	6306
MF62366	08/09/16	MA45756	5770999	6306
MF62488	08/09/16	MA44187	5770999	6306
MF61498	08/09/16	MA45355	5770999	6127
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MF62284	07/26/16	MA45691	5770999	6306
MF62298	07/26/16	MA45738	5770999	6306
MF62353	07/26/16	MA45766	5770999	6306
MF62165	07/26/16	MA45683	5770999	6306
MF62431	07/26/16	MA45813	5770999	6306
SI61246	07/26/16	SE65199	5770SS1	8032
MF62258	07/12/16	MA45729	5770999	6306
SI61078	06/15/16	SE65067	5770SS1	6306
SI61017	06/15/16	SE64995	5770SS1	6306
SI60539	06/08/16	SE64664	5733SC1	6306
MF62141	06/08/16	MA45672	5770999	6306
SI61011	06/08/16	SE64999	5770SS1	6306
SI60110	06/08/16	SE64406	5770SS1	6306
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MF62051	05/31/16	MA45627	5770999	6306
MF61768	05/31/16	MA45480	5770999	6306
MF62014	05/31/16	MA45595	5770999	6306
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MF62062	05/31/16	MA45629	5770999	6306
MF61791	05/31/16	MA45491	5770999	6127
MF61766	05/31/16	MA45479	5770999	6127
MF61779	05/31/16	MA45446	5770999	6127
MF61717	05/31/16	MA45460	5770999	6127
MF61641	05/31/16	MA45420	5770999	6306
MF61834	05/31/16	MA45521	5770999	6306
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MF62039	05/31/16	MA45621	5770999	6306
MF62101	05/31/16	MA45646	5770999	6306
SI59263	05/31/16	SE63777	5770SS1	6306
SI60894	05/31/16	SE64902	5770SS1	6306
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MF62046	05/17/16	MA45625	5770999	6306
MF62004	05/17/16	MA45605	5770999	6306
MF61465	05/17/16	MA45337	5770999	6127
SI60342	05/17/16	SE64572	5770SS1	6306

SI60600	05/03/16	SE64760	5770BR1	6306
SI60505	05/03/16	SE64689	5770SS1	6306
SI60443	05/03/16	SE64654	5770SS1	6306
MF61618	04/19/16	MA45413	5770999	6127
MF61913	04/19/16	MA45558	5770999	6306
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MF61880	04/19/16	MA45541	5770999	6306
MF61762	04/19/16	MA45482	5770999	6127
SI60301	04/05/16	SE64529	5733SC1	6306
MF61716	04/05/16	MA45251	5770999	6306
MF61674	04/05/16	MA45315	5770999	6306
MF60853	04/05/16	MA45024	5770999	6127
MF61677	04/05/16	MA45442	5770999	6127
MF61522	03/22/16	MA45326	5770999	6127
MF61097	03/22/16	MA45149	5770999	6127
MF61438	03/22/16	MA44959	5770999	6127
SI60139	03/22/16	SE64427	5770SS1	6127
SI59896	03/08/16	SE64251	5733SC1	6127
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MF61530	03/08/16	MA45279	5770999	6127
MF61528	03/08/16	MA45368	5770999	6127
MF61137	03/08/16	MA45023	5770999	6127
SI59569	03/08/16	SE63934	5770SS1	6127
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MF61524	02/23/16	MA45367	5770999	6127
MF61462	02/23/16	MA45331	5770999	6127
SI59653	02/23/16	SE64013	5770SS1	6127
SI59204	02/09/16	SE63563	5733SC1	6127
SI59100	02/09/16	SE63677	5770SS1	6127
MF61391	01/29/16	MA45290	5770999	6127
MF61243	01/27/16	MA45218	5770999	6127
SI59230	01/27/16	SE63797	5770SS1	6127
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MF61130	01/12/16	MA45174	5770999	6127
SI59114	01/12/16	SE63701	5770SS1	6127
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MF60844	12/15/15	MA45026	5770999	6127
MF60805	12/15/15	MA44998	5770999	6127
MF61001	12/15/15	MA45114	5770999	6127
MF60978	12/01/15	MA45098	5770999	6127
MF60752	12/01/15	MA44958	5770999	6127
SI58496	12/01/15	SE63333	5770SS1	8032
MF60620	11/23/15	MA44859	5770999	6127
MF60688	11/23/15	MA44787	5770999	6127
MF60602	11/23/15	MA44869	5770999	6127
MF60808	11/23/15	MA44999	5770999	6127
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MF60771	11/23/15	MA44975	5770999	6127
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MF60817	11/23/15	MA45006	5770999	6127

MF60802	11/23/15	MA44985	5770999	6127
SI58330	11/17/15	SE62864	5733SC1	6127
MF60852	11/17/15	MA45032	5770999	6127
MF60801	11/17/15	MA44991	5770999	6127
MF60744	11/04/15	MA44736	5770999	6127
MF60444	11/04/15	MA44757	5770999	5310
SI57960	10/20/15	SE62850	5770DG1	6127
SI58040	10/20/15	SE62918	5770RD1	6127
MF60624	10/06/15	MA44883	5770999	5310
MF59869	10/06/15	MA44433	5770999	5310
MF60644	10/06/15	MA44894	5770999	5310
MF59446	10/06/15	MA44161	5770999	5135
MF60694	10/06/15	MA44922	5770999	6127
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MF59888	10/06/15	MA44304	5770999	5135
SI57980	10/06/15	SE62888	5770BR1	6127
SI57893	10/06/15	SE62797	5770SS1	6127
SI57923	10/06/15	SE62802	5770SS1	8032
SI57896	10/06/15	SE62803	5770SS1	8032
SI57748	10/06/15	SE62563	5770SS1	6127
SI57655	09/11/15	SE62609	5770SS1	5310
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MF60522	09/08/15	MA44815	5770999	5310
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SI57806	09/08/15	SE62675	5770DG1	8032
MF60529	08/25/15	MA44817	5770999	5310
MF60532	08/25/15	MA44820	5770999	5310
MF60420	08/25/15	MA44754	5770999	5310
MF60459	08/25/15	MA44775	5770999	5310
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MF60361	08/25/15	MA44730	5770999	5310
MF60472	08/25/15	MA44783	5770999	5310
MF60539	08/25/15	MA44823	5770999	5310
SI57523	08/25/15	SE62475	5770SS1	5310
SI57498	08/25/15	SE62444	5770SS1	5310
MF60407	08/11/15	MA44748	5770999	5310
MF60373	08/11/15	MA44733	5770999	5310
MF60391	08/11/15	MA44715	5770999	5310
MF60405	08/11/15	MA44747	5770999	5310
SI57468	07/28/15	SE62447	5733SC1	5310
MF60328	07/22/15	MA44704	5770999	5310
MF58177	07/22/15	MA43550	5770999	4101
MF60387	07/22/15	MA44739	5770999	5310
MF60384	07/22/15	MA44738	5770999	5310
MF60416	07/22/15	MA44753	5770999	5310
MF60432	07/22/15	MA44761	5770999	5310
SI56814	07/22/15	SE61229	5770SS1	5310
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SI56789	07/22/15	SE61243	5770SS1	5310
MF60352	07/14/15	MA44725	5770999	5310
MF60349	07/14/15	MA44713	5770999	5310
MF60333	07/14/15	MA44717	5770999	5310

MF60334	07/14/15	MA44716	5770999	5310
MF60354	07/14/15	MA44711	5770999	5310
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MF60299	07/14/15	MA44687	5770999	5310
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MF60321	07/14/15	MA44707	5770999	5310
MF60327	07/14/15	MA44712	5770999	5310
SI57369	07/14/15	SE62344	5770SS1	5310
SI57320	07/14/15	SE62290	5770SS1	5310
MF60297	06/30/15	MA44691	5770999	5310
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MF60071	06/30/15	MA44577	5770999	5310
MF60265	06/30/15	MA44676	5770999	5310
SI57079	06/30/15	SE62046	5770SS1	5310
MF60251	06/16/15	MA44668	5770999	5310
MF60203	06/16/15	MA44633	5770999	5310
MF60221	06/16/15	MA44650	5770999	5310
SI57143	06/16/15	SE62113	5770SS1	5310
MF60101	06/03/15	MA44497	5770999	5310
MF60190	06/02/15	MA44635	5770999	5310
MF60132	06/02/15	MA44601	5770999	5310
MF60186	06/02/15	MA44634	5770999	5310
MF60195	06/02/15	MA44636	5770999	5310
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MF59729	06/02/15	MA44313	5770999	5310
MF60102	06/02/15	MA44590	5770999	5310
MF59967	06/02/15	MA44507	5770999	5135
MF60075	06/02/15	MA44579	5770999	5310
MF60093	06/02/15	MA44584	5770999	5310
MF59851	06/02/15	MA44192	5770999	5310
SI56197	06/02/15	SE61418	5770SS1	5310
SI55977	06/02/15	SE61183	5770SS1	5310
SI55874	06/02/15	SE61055	5770SS1	5310
SI56829	05/19/15	SE61904	5770SS1	5310
SI56643	05/19/15	SE61616	5770SS1	5310
SI56636	05/05/15	SE61686	5733SC1	5310
MF60069	05/05/15	MA44576	5770999	5310
MF60063	05/05/15	MA44575	5770999	5310
MF60085	05/05/15	MA44578	5770999	5310
MF60008	04/21/15	MA44541	5770999	5310
SI56233	04/21/15	SE61453	5770SS1	5310
MF59761	04/07/15	MA44396	5770999	5135
MF59311	04/07/15	MA44165	5770999	5135
SI55641	04/07/15	SE60917	5770SS1	5135
MF59902	03/24/15	MA44475	5770999	5135
MF59810	03/24/15	MA44425	5770999	5135
MF59711	03/24/15	MA44334	5770999	5135
MF59884	03/24/15	MA44469	5770999	5135

MF59833	03/24/15	MA44439	5770999	5135
MF59831	03/24/15	MA44430	5770999	5135
MF59619	03/24/15	MA44319	5770999	5135
SI55936	03/24/15	SE61137	5770RD1	5135
SI55761	03/24/15	SE60954	5770RD1	5135
SI56213	03/24/15	SE61430	5770SS1	5310
SI53474	03/24/15	SE59242	5770TC1	5135
MF59828	03/10/15	MA44435	5770999	5135
SI56013	03/10/15	SE61227	5770SS1	5135
SI55951	02/24/15	SE61036	5733SC1	5135
MF59736	02/24/15	MA44382	5770999	5135
MF59724	02/24/15	MA44380	5770999	5135
MF59757	02/24/15	MA44389	5770999	5135
MF59678	02/24/15	MA44353	5770999	5135
SI55866	02/24/15	SE60980	5770SS1	5135
SI55959	02/24/15	SE61152	5770SS1	5135
MF59686	02/10/15	MA44355	5770999	5135
MF59611	02/10/15	MA44317	5770999	5135
MF59683	02/10/15	MA44338	5770999	5135
MF59687	02/10/15	MA44357	5770999	5135
MF59675	01/28/15	MA44274	5770999	5135
MF59583	01/13/15	MA44281	5770999	5135
MF59565	01/13/15	MA44292	5770999	5135
SI55392	01/13/15	SE60683	5770SS1	5135
MF59499	12/29/14	MA44188	5770999	5135
MF59543	12/29/14	MA44278	5770999	5135
SI55341	12/18/14	SE60646	5733SC1	5135
MF59348	12/18/14	MA44146	5770999	5135
MF59540	12/18/14	MA44276	5770999	5135
MF59516	12/18/14	MA44266	5770999	5135
MF59512	12/18/14	MA44265	5770999	5135
MF59502	12/18/14	MA44255	5770999	5135
MF59308	12/18/14	MA44140	5770999	5135
MF59462	12/18/14	MA44107	5770999	5135
MF59440	12/18/14	MA44232	5770999	5135
MF59368	12/18/14	MA44198	5770999	5135
SI55458	12/18/14	SE60717	5770SS1	5135
MF59456	12/02/14	MA44240	5770999	5135
MF59447	12/02/14	MA44190	5770999	5135
MF59035	12/02/14	MA44022	5770999	5135
MF59415	11/18/14	MA44223	5770999	5135
MF59427	11/18/14	MA44217	5770999	5135
MF59394	11/18/14	MA44214	5770999	5135
MF59432	11/18/14	MA44227	5770999	5135
MF59422	11/18/14	MA44225	5770999	5135
MF59409	11/18/14	MA44218	5770999	5135
MF58590	11/11/14	MA43764	5770999	5135
MF58873	11/11/14	MA43923	5770999	5135
MF58884	11/11/14	MA43934	5770999	5135
MF59289	11/11/14	MA44138	5770999	5135
MF59059	11/11/14	MA44049	5770999	4276
MF59395	11/11/14	MA43312	5770999	5135
SI55314	11/11/14	SE60609	5770SS1	5135

MF59303	11/04/14	MA44160	5770999	5135
MF58877	11/04/14	MA43933	5770999	5135
MF59242	11/04/14	MA44109	5770999	5135
MF58445	11/04/14	MA43562	5770999	4276
MF59285	11/04/14	MA44148	5770999	5135
MF59072	10/21/14	MA44041	5770999	5135
MF59209	10/21/14	MA44108	5770999	5135
MF59130	10/21/14	MA44079	5770999	5135
MF59173	10/07/14	MA44033	5770999	5135
SI52291	10/07/14	SE57660	5770SS1	5135
MF59003	09/23/14	MA43667	5770999	5135
MF59045	09/23/14	MA44016	5770999	4276
MF58862	09/23/14	MA43927	5770999	5135
SI54292	09/23/14	SE59901	5770SS1	4276
MF58789	09/10/14	MA43891	5770999	4276
MF58855	09/10/14	MA43924	5770999	4276
MF58802	09/10/14	MA43879	5770999	4276
MF59022	09/10/14	MA43962	5770999	4276
SI53166	09/10/14	SE58912	5770TC1	4276
SI54468	08/26/14	SE59992	5733SC1	4276
MF58976	08/26/14	MA43970	5770999	4276
MF58926	08/26/14	MA43973	5770999	4276
SI53643	08/26/14	SE59383	5770SS1	4276
SI53905	08/26/14	SE59576	5770SS1	4276
SI53640	08/26/14	SE58740	5770SS1	4276
MF58757	08/12/14	MA43874	5770999	4276
SI53587	08/12/14	SE59288	5770SS1	4276
MF58824	07/29/14	MA43894	5770999	4276
MF58867	07/29/14	MA43931	5770999	4276
MF58775	07/15/14	MA43839	5770999	4276
MF58746	07/15/14	MA43868	5770999	4276
MF58392	07/15/14	MA43636	5770999	4276
SI53782	07/15/14	SE59458	5770SS1	4276
SI53854	07/15/14	SE59544	5770SS1	4276
SI53877	07/15/14	SE59436	5770SS1	4276
SI53663	06/27/14	SE59423	5733SC1	4276
MF58654	06/27/14	MA43810	5770999	4276
SI53540	06/17/14	SE59216	5733SC1	4276
MF57824	06/17/14	MA43299	5770999	4101
MF57642	06/17/14	MA43076	5770999	4101
MF58673	06/17/14	MA43815	5770999	4276
MF58598	06/17/14	MA43765	5770999	4276
SI53559	06/17/14	SE59294	5770SS1	4276
SI53479	06/17/14	SE59217	5770SS1	4276
MF58420	06/03/14	MA43688	5770999	4276
MF58556	06/03/14	MA43754	5770999	4276
MF58561	06/03/14	MA43755	5770999	4276
MF58661	06/03/14	MA43770	5770999	4276
MF58611	06/03/14	MA43780	5770999	4276
MF58646	06/03/14	MA43806	5770999	4276
MF58656	06/03/14	MA43800	5770999	4276
MF58615	05/22/14	MA43784	5770999	4276
MF58571	05/20/14	MA43746	5770999	4276



SI53205	05/20/14	SE59003	5770SS1	4276
SI53294	05/20/14	SE59082	5770SS1	1000
SI53436	05/20/14	SE59201	5770SS1	4276
SI53096	05/06/14	SE58404	5770SS1	4276
SI53178	05/06/14	SE58905	5770SS1	4276
MF58372	05/01/14	MA43673	5770999	4276
MF58498	05/01/14	MA43731	5770999	4276
MF58513	05/01/14	MA43735	5770999	4276
MF58509	05/01/14	MA43733	5770999	4276
SI52000	05/01/14	SE57865	5770SS1	4101
SI53171	04/29/14	SE58957	5733SC1	4276
MF58329	04/29/14	MA43647	5770999	4276
MF58357	04/29/14	MA43664	5770999	4276
MF58447	04/29/14	MA43702	5770999	4276
MF58303	04/29/14	MA43626	5770999	4276
SI52854	04/29/14	SE58641	5770SS1	4276

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