

CAR  
CLASSIFICATION  
FREIGHT



READING  
COMPANY  
M. & R. DEPT.

JAN. 1, 1943





KIND OF CAR	CLASS	SERIES	CAPY 1000 LBS.	CAPY/CUFT. LEV. FULL	APPROX. WT. LBS.	SIZE OF JOURNALS	DRAFT GEAR	NO. OF CARS	BUILT		
									FIRM	PLACE	DATE
STEEL HOPPER COAL	HTM	23000-23024	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	READING, PA.	1906-07
	HTM	23025-23027	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
	HTM	23028-23029	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
	HTM	23030-23033	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
	HTM	23034-23035	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
	HTM	23036-23037	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
	HTM	23038-23039	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
	HTM	23040-23041	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
	HTM	23042-23043	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
	HTM	23044-23045	140	1600	4114.1	5 1/2 x 10	M.L.F.R.I.C.	840	S.S.C.CO	BULLY, PA.	1906-07
STEEL HOPPER COAL	HTG	28980-28987	100	1176	3525.4	5 1/2 x 10	FRICITION	494	A.C.B.F.CO	READING, PA.	1915-16
	HTG	28988-28991	100	1176	3525.4	5 1/2 x 10	FRICITION	494	A.C.B.F.CO	READING, PA.	1915-16
	HTN	74500-74499	110	1280	4291.0	5 1/2 x 10	M.L.F.R.I.C.	494	P.S.C.CO	PITTSBURGH, PA.	1916
	HTN	74500-74499	110	1280	4291.0	5 1/2 x 10	M.L.F.R.I.C.	494	P.S.C.CO	PITTSBURGH, PA.	1916
	HTN	74500-74499	110	1280	4291.0	5 1/2 x 10	M.L.F.R.I.C.	494	P.S.C.CO	PITTSBURGH, PA.	1916
	HTN	74500-74499	110	1280	4291.0	5 1/2 x 10	M.L.F.R.I.C.	494	P.S.C.CO	PITTSBURGH, PA.	1916
	HTN	74500-74499	110	1280	4291.0	5 1/2 x 10	M.L.F.R.I.C.	494	P.S.C.CO	PITTSBURGH, PA.	1916
	HTN	74500-74499	110	1280	4291.0	5 1/2 x 10	M.L.F.R.I.C.	494	P.S.C.CO	PITTSBURGH, PA.	1916
	HTN	74500-74499	110	1280	4291.0	5 1/2 x 10	M.L.F.R.I.C.	494	P.S.C.CO	PITTSBURGH, PA.	1916
	HTN	74500-74499	110	1280	4291.0	5 1/2 x 10	M.L.F.R.I.C.	494	P.S.C.CO	PITTSBURGH, PA.	1916
HOPPER COAL	HTL	70500-70399	140	2500	5390.0	6 x 11	M.L.F.R.I.C.	427	P.S.C.CO	PITTSBURGH, PA.	1922
	HTL	71000-71499	140	2500	5390.0	6 x 11	M.L.F.R.I.C.	427	S.S.C.CO	MIDDLETOWN, PA.	1922
	HTL	71500-71999	140	2500	5390.0	6 x 11	M.L.F.R.I.C.	427	M.S.A.O.CO	JOHNSTOWN, PA.	1922
	HTL	72000-72499	140	2500	5390.0	6 x 11	M.L.F.R.I.C.	427	A.C.B.F.CO	BERNICK, PA.	1924
	HTN	68500-68499	140	2500	5270.0	6 x 11	M.L.F.R.I.C.	398	BETHS.CO	JOHNSTOWN, PA.	1925
	HTN	68500-68499	140	2500	5270.0	6 x 11	M.L.F.R.I.C.	398	P.S.C.CO	PITTSBURGH, PA.	1924
	HTN	69900-70099	140	2500	5270.0	6 x 11	M.L.F.R.I.C.	200	S.S.C.CO	MIDDLETOWN, PA.	1924
	HTN	70100-70399	140	2500	5270.0	6 x 11	M.L.F.R.I.C.	199	BETHS.CO	JOHNSTOWN, PA.	1924
	HTN	70300-70499	140	2500	5270.0	6 x 11	M.L.F.R.I.C.	197	A.C.B.F.CO	BERNICK, PA.	1924
	HTG	80000-80999	110	2028	4290.0	5 1/2 x 10	FRICITION	1000	REG.CO	READING, PA.	1941
CEMENT	HTP	67300-67299	110	2028	4290.0	5 1/2 x 10	FRICITION	299	REG.CO	READING, PA.	1942
	HTS	67300-67299	110	1936	4090.0	5 1/2 x 10	DURIEACG	1	R.D.Y.CO	READING, PA.	1902
	LOD	79300-79199	140	1800	5285.0	6 x 11	DURIEACG	50	REAUSS & CO.	READING, PA.	1941
	LOC	79250-79299	140	1800	5285.0	6 x 11	DURIEACG	50	REAUSS & CO.	READING, PA.	1941
	LOB	79200-79149	140	1800	5285.0	6 x 11	DURIEACG	50	REAUSS & CO.	READING, PA.	1941
	LOA	79084-79133	110	1600	4520.0	5 1/2 x 10	FRICITION	40	REAUSS & CO.	READING, PA.	1937
	LOA	79000-79005	110	1714	4560.0	5 1/2 x 10	FRICITION	4	REAUSS & CO.	READING, PA.	1931
	LOA	79004-79018	110	1620	4420.0	5 1/2 x 10	FRICITION	14	REAUSS & CO.	READING, PA.	1932
	LOA	79019-79033	110	1620	4316.0	5 1/2 x 10	FRICITION	15	REAUSS & CO.	READING, PA.	1933
	LOA	79034-79078	110	1620	4316.0	5 1/2 x 10	FRICITION	50	REAUSS & CO.	READING, PA.	1934

2. \* SEE EXCEPTIONS ON PAGE 5

KIND OF CAR	INSIDE			LENGTH OVER END SILL	WIDTH AT EAVES OR PTFM	HEIGHT FROM RAIL TO		SIDE DOOR		REMARKS
	LENGTH	WIDTH	HEIGHT			PTFM OR RUN'BD	EAVES OVER ALL	WIDTH	HEIGHT	
CONTAINER										
HTX	30-0	9-6	7-5	31-9	10-4	3-4	10-5			GML WITH 2 BULL CONTAINERS
HTZ	30-0	9-6	7-5	31-9	10-4	3-4	10-5			GML WITH 2 BULL CONTAINERS
HTD	30-9	9-6	7-5	32-3	10-4	3-4	10-5			UNHAIR HTZ
HTF	32-9	9-6	7-5	34-3	10-4	3-9	10-5			
HTG	32-10	9-6	7-5	34-3	10-4	3-9	10-5			
HTH	30-0	9-6	7-5	32-0	10-3	3-10	10-8			
HTI	30-0	9-6	7-5	32-0	10-3	3-10	10-8			
HTJ	32-10	9-6	7-5	34-7	9-6	3-11	10-8			JUNHALL HOPPER COGGING
HTK	32-10	9-6	7-5	34-7	9-6	3-11	10-8			
HTL	32-10	9-6	7-5	34-7	9-6	3-11	10-8			SIMUNTON
HTM	32-10	9-6	7-5	34-7	9-6	3-11	10-8			
HTN	32-10	9-6	7-5	34-7	9-6	3-11	10-8			DUNHAM
HTO	32-10	9-6	7-5	34-7	9-6	3-11	10-8			
HTP	30-6	9-6	7-5	31-11	10-3	3-5	10-8			3510 SIMUNTON 11-0-8
HTQ	30-6	9-6	7-5	31-11	10-3	3-5	10-8			
HTR	39-0	9-6	7-5	40-5	10-1	3-8	11-3			FM OLD BEAR ENT. HOPPER
HTS	39-0	9-6	7-5	40-5	10-1	3-8	11-3			SIMON
HTT	39-0	9-6	7-5	40-5	10-1	3-8	11-3			" " ENT " "
HTU	39-0	9-6	7-5	40-5	10-1	3-8	11-3			" " ENT " "
HTV	39-0	9-6	7-5	40-5	10-1	3-8	11-3			" " ENT " "
HTW	39-0	9-6	7-5	40-5	10-1	3-8	11-3			" " ENT " "
HTX	39-0	9-6	7-5	40-5	10-1	3-8	11-3			" " ENT " "
HTY	39-0	9-6	7-5	40-5	10-1	3-8	11-3			" " ENT " "
HTZ	39-0	9-6	7-5	40-5	10-1	3-8	11-3			" " ENT " "
HTA	31-0	9-6	7-5				11-3 1/2			A B BRACKS WINE BOX
HTB	31-0	9-6	7-5				11-3 1/4			WELDED CONSTRUCTION
HTC	31-0	9-6	7-5				11-0 1/4			COMP SIDES & FLOOR
HTD	27-9 1/2	9-6	8-10	34-8	9-5 1/2					ANDREWS TRUCKS
HTE	27-4 1/2	9-6	8	34-8	9-5 1/2	12-8 3/8	12-9 1/4	12-10 1/4		ENTIRE PRIZE HOPPER TRUCKS
HTF	27-5	9-6	8	31-11	10-3	11-7	10-8	11-7		ANDREWS TRUCKS
HTG	27-0	9-6	7-5	31-11	10-3	11-7	10-8	11-7		ENTIRE PRIZE HOPPER TRUCKS
HTH	22-0	9-6	7-5	31-11	10-3	11-7	10-8	11-7		ANDREWS TRUCKS
HTI	22-0	9-6	7-5	31-11	10-3	11-7	10-8	11-7		ANDREWS TRUCKS
HTJ	22-0	9-6	7-5	31-11	10-3	11-7	10-8	11-7		WINE HOPPER SHUTT RATED
HTK	22-0	9-6	7-5	31-11	10-3	11-7	10-8	11-7		" " " "
HTL	22-0	9-6	7-5	31-11	10-3	11-7	10-8	11-7		" " " "

KIND OF CAP.

LABOUSE

STOCK

TARA

AUTOMOBILE

KIND OF CAP.	CLASS	SERIES	CAPY. 1000 LBS.	CAPY CUFT LEV FULL	APPROX WT LBS.	SIZE OF JOURNALS	DRAFT GEAR.	NO OF CRKS	MILL		
									FIRM	PLACE	DATE
	NMA	90740-90741			265	3 7/8" x 8"	TWSP	20	PARRICO	READING, PA	1915
	NMB	90492-90491			23040	3 1/2" x 8"	TWSP	15	PARRICO	READING, PA	1916-17
	NMB	90000-90009			23040	3 1/2" x 8"	TWSP		PARRICO	READING, PA	1916-17
	NMB	90020-90049			24000	4 1/2" x 8"	TWSP	11	PARRICO	READING, PA	1918
	NMB	90747-90805			24000	4 1/2" x 8"	TWSP	12	PARRICO	READING, PA	1920
	NMJ	90740-90749			24000	4 1/2" x 8"	TWSP	13	PARRICO	READING, PA	1921
	NMB	90493-90499			24000	4 1/2" x 8"	TWSP	14	PARRICO	READING, PA	1920
	NME	90730-90739			44200	5 x 9"	M FRIC	15	READING CO	READING, PA	1924
	NME	90710-90719			44200	5 x 9"	M FRIC	16	READING CO	READING, PA	1926
	NME	90720-90729			44200	5 x 9"	M FRIC	17	READING CO	READING, PA	1927
	NME	90700-90709			44200	5 x 9"	M FRIC	18	READING CO	READING, PA	1930
	NME	92800-92809			43900	5 x 9"	M FRIC	19	READING CO	READING, PA	1930
	NME	92810-92829			43500	5 x 9"	M FRIC	20	READING CO	READING, PA	1931-32
	NME	92830-92839			43500	5 x 9"	M FRIC	21	READING CO	READING, PA	1930
	NME	92840-92849			43500	5 x 9"	M FRIC	22	READING CO	READING, PA	1931
	NME	92850-92879			43700	5 x 9"	M FRIC	24	READING CO	READING, PA	1937
	NME	92880-92899			42400	5 x 9"	M FRIC	50	READING CO	READING, PA	1941
	NMA	92330-92339			40750	5 x 9"	M FRIC	70	READING CO	READING, PA	1932
	RMJ	19885-19984	87	2032	63900	5 1/2" x 10"	FRIC	94	ACRICO	BERWICK, PA	1923
	SMC	19006-19055	80	2300	40800	5 1/2" x 10"	G-115-FAR	48	SSCCO	MOORETOWN, PA	1924
	TMA	99015-99034	100	3600	5500	5 1/2" x 10"	FRIC	3	ACRICO	MILFORD, PA	1902
		99070-99131						4			
		99042-99049									
	XAKA	18700-18799	100	3600	5500	5 1/2" x 10"	DURIPA	100	RCC	READING, PA	1935
	XAD	18800-18999	100	3840	52800	5 1/2" x 10"	DURIPA	200	RDG CO	READING, PA	1937
	XAE	19100-19199	100	3712	51500	5 1/2" x 10"	"	100	"	"	1939
	XAF	19495-19549	100	4780	55600	5 1/2" x 10"	"	105	"	"	1939
	XAG	19550-19599	100	4780	56900	5 1/2" x 10"	"	30	"	"	1939
	XAPA	19400-19449	100	4750	70180	5 1/2" x 10"	DURIPA	45	RDG CO	READING, PA	1940

KIND OF CAR

CLASS

INSIDE

LENGTH

WIDTH

HEIGHT

LENGTH OVER END SILL

WIDTH AT RAILS

OF R.T.M.

HEIGHT FROM RAIL TO

P.F.M. OR KUN RD

EAVES

OVER ALL

SIDE

WIDTH

HEIGHT

REMARKS

CABOOSE

NMA																WOOD FRAME
NMG				20												STEEL BODY FRAMING
NMB				20												" " "
NMH																" " "
NMB				20												" " "
NMB				20												" " "
NMB				20												" " "
NMO				31												WOOD LIN. 2" x 4"
NME				31												" " "
NMF				31												" " "
NMG				31												" " "
NMH				31												" " "
NMJ				31												WOOD LIN. 2" x 4"
NMA	24-4	8-3	7-5	32-8												5" x 8" BIRD BRACKET
NAL	24-4	8-3	7-5	32-8												WOOD SIDING

TANK

STEEL

KIND OF CAR

RMJ	33-3	8-3	7-5	41-5	9-7	13-1			13-3	4-0	6-8					ST. FRAME - 2710 FT. ICE
SMC	38-0	8-7	7-6	39-7	9-5	12-3		11-6	13-11	5-4	7-4					STEEL FRAME
TMA				38-3		10-11			13-7							12,850 GAL

AUTOMOBILE

KARA	40-6	9-2	10-4	40-5	9-2	12-8		4-1	14-2	12-7	9-8					2 FROM MS
KAD	40-7	9-2	10-4	40-5	9-2	12-8		4-1	14-2	12-7	9-8					ABOVE THE
KAL	40-6	9-2	10-4	40-8	9-2	14-5		19-10	14-5	6-3	9-4					12 3/4 GAL
KAT	50-6	9-2	10-4	50-8		18-8		12-1/2	14-8	14-7	9-8					FRONT BODY
KAG	50-6	9-2	10-4	50-10		14-8		14-1/2	14-8	14-7	9-8					FRONT BODY
KAP	50-6	9-2	10-4	50-8		14-8		14-1/2	14-8	7-0	9-8					PERF. STEEL LINING

KIND OF CASE	CLASS	SERIES	CAPY. 1000 LBS.	CAPY. CAPT. LEV. FULL	APPROX. WT. LBS.	SIZE OF JOURNALS	DRAFT GEAR	NO. OF CASES	BUILT		
									FIRM	PLACE	DATE
30 X		2000-3999	54	2448	4311	4 1/2" x 9"	FRIC.	1	A.C. CO.	BUTLER, PA.	1905-07
		14500-14999							L.F. CO.	BERWICK, PA.	1905-07
		15700-15799	8J	2448	45937	5 1/2" x 9"	FRIC.	1	CO.	BUTLER, PA.	1905-07
		16000-16999							A.C. B.F. CO.	BERWICK, PA.	1905-07
		17000-17999									
		18000-18999									
		3679, 3571-	80	2498	50900	5 1/2" x 9"	FRIC.	1	W. & W. CO.	READING, PA.	1903
		4279, 3345, 3446	85	2544	47980	5 1/2" x 9"	FRIC.	1	CO.	READING, PA.	1910-13
		2666, 2777							CO.	BERWICK, PA.	1910-13
		3511, 3488									
		11550-13549									
		13003-13199	85								
		* 10550-11549	85	2515	46918	5 1/2" x 9"	FRIC.	90	A.C. B.F. CO.	BERWICK, PA.	1916
		* 4000-4499	85	2532	45500	5 1/2" x 9"	HI SPR.	180	PULLMAN CO.	PULLMAN, ILL.	1918
		* 4500-4999	85	2532	45500	5 1/2" x 9"	HI SPR.	182	A.C. B.F. CO.	BERWICK, PA.	1918
VENT. BOX		* 5000-5299	100	2998	43000	5 1/2" x 10"	FRIC.	274	BELL & HOWELL	DEPTFORD, IA.	1919
		* 5300-5749	100	2998	43000	5 1/2" x 10"	FRIC.	289	PULLMAN CO.	PULLMAN, ILL.	1919
		* 5750-5999	100	2998	43000	5 1/2" x 10"	FRIC.	173	ST. LOUIS CO.	ST. LOUIS, MO.	1919
		6000-10000	100	2998	43000	5 1/2" x 10"	FRIC.	192	A.C. B.F. CO.	BERWICK, PA.	1925
		10000-10000	100	2998	43000	5 1/2" x 10"	FRIC.	196	S.S. CO.	MIDDLETOWN, PA.	1925
		10000-101399	100	3185	48500	5 1/2" x 10"	FRIC.	399	CO.	PITTSBURGH, PA.	1930
		101400-101799	100	3185	48500	5 1/2" x 10"	FRIC.	400	S.S. CO.	PITTSBURGH, PA.	1930
		101800-102399	100	3185	48500	5 1/2" x 10"	FRIC.	597	A.C. B.F. CO.	BERWICK, PA.	1930
		102400-102999	100	3185	48500	5 1/2" x 10"	FRIC.	594	PITTSBURGH CO.	JOHNSTOWN, PA.	1930
		103000-103299	100	3712	48200	5 1/2" x 10"	FRIC.	218	R. CO.	PITTSBURGH, PA.	1937-
FAS. FRICTION		100000-100508	106		55000	5 1/2" x 10"	FRIC.	2			
		CEMENT									
	19991-19999	50	4002	104,300	5 1/2" x 10"		9	A.C. B.F. CO.	BERWICK, PA.	1936	
	RENUMBERED FROM 18701 - 18999										





KIND OF CAR	CLASS	SERIES	CAPY 1000 LBS	CAPY CUFT LEV. FULL	APPR. WT. LBS.	SIZE OF JOURNALS	DRAFT GEAR	NO OF CARDS	BUILT	
									PLACE	DATE
		IMP 5000 2204 5702 2204 1189 7000 24 2204 1189 7000 24 2204 1189 7000 24						4	PA. MFG. READING, PA. A. C. B. CO. READING, PA.	1902-13 6
		XMP 410 23176, 2307 85 2400, 2437, 2407, 2414, 2427, 2417 2427 102083	2544	47980	5' x 5"	FRICION		2		
		XMP 5000 5178, 5100 85 5100, 5007, 5100	2544	47980	5' x 5"	FRICION				
		XMP 410 23176, 2307 85 2400, 2437, 2407, 2414, 2427, 2417 2427 102083	2544	47980	5' x 5"	FRICION		4		
		HTF 23216	110	1843	5 1/2" x 10"	M. FRIC.				
		HTF 74724, 75600 76780, 76857 76957, 76630 77250, 77370 78000, 78007 78658, 78965 78400, 78740						2 1 1 1 2 2	P. & M. CO. READING, PA. A. C. B. CO. READING, PA. S. S. C. CO. HOBBS TOWN, PA. CAMD. S. CO. JOHNSTOWN, PA.	1902-13 " " "
		HTL 61196, 69301 69394, 69495						3		
		HTH 70917						1		
		HTH 75748						+		
		75685						+		
		75781						+		
		HTH 78493						1		
		XMS 5331 5104 0931 5104						4		
		XMS 10150, 101833 102595, 102993 102525, 102702 102729, 102787						8		

150 X  
STEEL HORNER

5. NOTE - EXCEPTIONS TO PAGE 2 AND 4

END OF CAR

BOX

STEEL TOPPER

CLASS	INSIDE			LENGTH OVER FND SILL	WIDTH AT EAVES OR PTFM	HEIGHT FROM RAIL TO			REMARKS		
	LENGTH	WIDTH	HEIGHT			PTFM OR RUN BD	EAVES	OVER ALL		WIDTH	HEIGHT
XMP	36'-2"	8'-7"	8'-2"	38'-3"	9'-10"	13'-0"	12'-2"	13'-7"	6'-0"	7'-7"	ST. UND. THESE CARS RENUMBERED TO REPLACE XMK-L CARS IN 7000-3399 SERIES
IMP	36'-2"	8'-7"	8'-2"	38'-3"	9'-10"	13'-0"	12'-2"	13'-7"	6'-0"	7'-7"	RENUMBER TO REPLACE XMR CARS IN 4000-4999 SERIES
AMP	36'-2"	8'-7"	8'-2"	38'-3"	9'-10"	13'-0"	12'-2"	13'-7"	6'-0"	7'-7"	RENUMBER TO REPLACE XMS CARS IN 5000-5999 SERIES
IMP	36'-2"	8'-7"	8'-2"	38'-3"	9'-10"	13'-0"	12'-2"	13'-7"	6'-0"	7'-7"	RENUMBER TO REPLACE XME CARS IN SERIES 10550 TO 11543
HTF	32'-10"	9'-6"	6'-3"	34'-3"	10'-4"	3'-9"		10'-5"			TO REPLACE HTJ CARS IN 72500-74499 SERIES
HTF	32'-10"	9'-6"	6'-3"	34'-3"	10'-4"	3'-9"		10'-5"			RENUMBER TO REPLACE HTJ CARS 10500-10999 SERIES
HTF											
HTF											

RENUMBERED TO REPLACE  
HTL CARS 70917-71661  
AND HTJ 77493

RENUMBERED TO REPLACE  
HTL CARS 70917-71661  
AND HTJ 77493  
102781 102435

NUMERICAL INDEX - FREIGHT

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SERIES	CLASS	SERIES	CLASS	SERIES	CLASS	SERIES	CLASS
		13500-14013	AMK	67000-67299	HTF	99015-99034	ITA
2000-3999	EMR	"	XML	67300	HTS		
2000-3999	XML			68500-70499	HTN		
EXCEPT				70500-72499	HTL	99045-99049	FWD
2666, 2958, 2998	XMP	15700-15999	XI-K	72500-74499	HTJ		
3228, 3313, 3345		"	XML	75210	HTF		
3348				74500-78999	HTM		
3673, 3974	XMR	17500-18499	XI-K	EXCEPT-74724, 75600	HTF	100000-100999	MT
4000-4999	XMR	"	XML	76280, 76899, 76929		101000-101999	XMU
EXCEPT				76614, 7250, 77910		102000-102999	XMY
4168, 4176, 4307	XMP	18500-18699	XMK	78080, 78604, 78654			
4400, 4231, 4209		"	XML	78100, 78740, 78965		102083	IMP
4718, 4781, 4817		"	XML	79500-79999	ITA		
4911		18700-18799	YARA	79500-79999	ITA		
5000-5999	XMS	18800-18999	XAD	79000-79199	LOA		
EXCEPT				79200-79299	LOH		
5000, 5174, 5004	XMP	19006-19055	SMC	81500-81999	HTO		
5708, 5982, 5772				80400-80999	HTO		
5085	GMJ	19100-19199	YAE	85500-85999	HTG		
6125-6449	GMH	19400-19444	XAPA	86000-89999	HTF		
6450-6949	GMJ	19445-19549	YAF	90000-90049	NMB		
6350-7449	GMK	19550-19599	YAG	90051-90481	NMA		
9000-9099	SMG	19885-19984	RMJ	90482-90491	NMB		
9710-9249	FME	19991-19999	XBAU	90493-90499	NMB		
9400-9149	FMP						
9550-9519	FMD	20000-21999	GML				
9600-9699	FMB	23000-23014					
3700-9774	FMC	23015-23034		90700-90709	NMG		
9800-9899	FMD	23500-25499	GML	90710-90719	NME		
		25500-26000	GMB	90720-90729	NMF		
		26000-26499	GMC	90730-90739	NMD		
		27500-28499	GHC	90740-90749	NMB		
		28500-29999	GHD				
		28585-29433	GHC				
10550-11549	XMR	30000-30199	GHE	92800-92809	NMG		
EXCEPT		30200-30399	GHE	92810-92829	NMH		
10938, 11025, 11147	XMP			92830-92854	NMJ		
1272, 11304, 11332				92855-92879	NMK		
11333, 11760, 11434				99000-99004	FWA		
11502, 11423				99005-99007	FWB		
11550-13549	XMP			99008-99012	FWA		