

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
<b>Panama-Pacific Issue</b>											
A010									X		A010
A018		X									A018
A038	X										A038
A049			X								A049
A060	X	X	X	X	X		X	X	X		A060
A064					X						A064
A068			X							X	A068
A076		X									A076
A079	X				X						A079
A087									X		A087
A087.2									X	X	A087.2
A087.9									X		A087.9
A093		X									A093
A094					q						A094
A095		X			X		X	X			A095
A096			X					X			A096
A138				X							A138
A143		X									A143
A165		X									A165
A175									X		A175
A190									X	q	A190
A195		X	X		X		X				A195
A205					X						A205
A218	X										A218
A224									X		A224
A231										X	A231
A242										X	A242
A244	X	X					X	X			A244
A248			X								A248
A264			X								A264
A266		X									A266
A278	X										A278
A288					X						A288
A306			X						X		A306
A221-01A									X		A221-01A
A221-04		X						X			A221-04
A221-09					X						A221-09
A221-26		X									A221-26
A221-31				X							A221-31
A270-08										X	A270-08
A270-10		X									A270-10
A270-14	X										A270-14
A270-15	X	X	X				X	X		X	A270-15
A270-16		X									A270-16
A270-18					X						A270-18
A270-19		X									A270-19
A270-20		X									A270-20
B012-4									X		B012-4
B023			X								B023
B027A				X							B027A
B029		X									B029

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
B049		X									B049
B052			X								B052
B060		X									B060
B076		X	X								B076
B091										X	B091
B103								X			B103
B112		X							X		B112
B119	X	X		X							B119
B124									X		B124
B125		X									B125
B126	X	X		X	X		X	X			B126
B128		X						X			B128
B128A		X									B128A
B136	X										B136
B139	X	X		X					X		B139
B145		X	X	X	X			X			B145
B155		X									B155
B156		X									B156
B165					q						B165
B166			X								B166
B205		X									B205
B212										X	B212
B224		q									B224
B233		X									B233
B249		X									B249
B249.5		X									B249.5
B253	X										B253
B254										X	B254
B256					X						B256
B263	X	X									B263
B270	q	q	Xq		q			q			B270
B277		X									B277
B279		X									B279
C011										X	C011
C018									X		C018
C027	X		X	X							C027
C028		X									C028
C035					X						C035
C043										X	C043
C045									X		C045
C046					X						C046
C055		X						X			C055
C082	X										C082
C086					X						C086
C097			X								C097
C113		X			X			X			C113
C117			q								C117
C123					X						C123
C125	X	X	X		X		X	X	X	X	C125
C129.5		X									C129.5
C136	X	X			X						C136
C137									X		C137

East Syracuse precancel

St. Louis precancel

San Francisco precancel

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
C184	X	X									C184
C186		X	X		X				X		C186
C199		X									C199
C203					X						C203
C207		X									C207
C232		X									C232
C235		X									C235
C239	X										C239
C246		X		X							C246
C248		X							X		C248
C278									X	X	C278
C282.5		X									C282.5
C284		X									C284
C288		X			X						C288
C289				X							C289
C290				X							C290
C297			X		X						C297
C310								X			C310
C312									X		C312
C323A							X				C323A
C328	X	X									C328
C329								X			C329
C354		X			X			X			C354
C362	X	X						X			C362
C376									X	X	C376
C386				X							C386
C390									X		C390
C392.5		X							X		C392.5
C394		X							X		C394
C407				X							C407
C416				X							C416
C419	X	X		X	X			X			C419
C420								X			C420
C424		X									C424
C425			X								C425
D003	X	X	X								D003
D009					X						D009
D016									X	X	D016
D053		X									D053
D061		X									D061
D076		X									D076
D092		X									D092
D094			X								D094
D095.5	X										D095.5
D096		X									D096
D096.5		X									D096.5
D097	X	X						X			D097
D119									X		D119
D121			X								D121
D122			X						X		D122
D153	X	X					X	X			D153
D154	qr	X		X							D154

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
D155					X						D155
E002										X	E002
E009			q								E009
E015.5					X			X			E015.5
E024		X		X							E024
E029		X									E029
E030		X									E030
E042	X		qr								E042
E047A			X								E047A
E050	X										E050
E057	X	X									E057
E058		X									E058
E059	q	q	Xq		q		q	q	q		E059
E063		X								X	E063
E067							q				E067
E070	X										E070
E073					X			X			E073
E082		X									E082
E083	Xq										E083
E098		X									E098
E101A		X									E101A
E103		X	X								E103
E111					X						E111
E118	X										E118
E131										X	E131
F002			X								F002
F008			X								F008
F012				X							F012
F022								X			F022
F025							X				F025
F025.5		X									F025.5
F037								X			F037
F063.5				X							F063.5
F070	X										F070
F073	X	X	X		X						F073
F076		X									F076
F090		X	X					X			F090
F097		X		X							F097
F099		X								X	F099
F108	X							X			F108
F127				X	X					X	F127
F142		X									F142
F145		X						X			F145
F186		X					X				F186
F193					X						F193
F197				X	X						F197
F228					X						F228
F231		X									F231
G020				X							G020
G030					X						G030
G036							X				G036
G037.5								X			G037.5

San Francisco precancel

St. Louis precancel

St. Louis precancel

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
G042										X	G042
G101									X		G101
G104									X		G104
G126		X									G126
G141		X									G141
G150				X				X			G150
G155.6									X		G155.6
G171								X			G171
G172A								X			G172A
G179	X			X	X		X		X		G179
G189		X		X							G189
G191		X									G191
G211	X										G211
G212									X		G212
G213			X		X						G213
G072-01		X	q								G072-01
G072-01A		X									G072-01A
G072-01C					X						G072-01C
G072-02B			X								G072-02B
G072-07				X	X						G072-07
G072-10		X									G072-10
G072-14				X							G072-14
G072-18			X	X	X				X		G072-18
G072-21									X	X	G072-21
G072-26	Xq	Xq	Xq	X	Xq		q	q	Xq		G072-26
G072-42			X		X					X	G072-42
G072-44		X									G072-44
G072-51				X							G072-51
H010									X	X	H010
H015		X									H015
H018	X	X									H018
H028		q									H028
H030		X									H030
H031		X									H031
H033		X	X		X			X			H033
H052				X							H052
H066	X								X		H066
H069	X	X						X			H069
H092	X	X		X							H092
H105	X	X						X			H105
H117					X						H117
H118		X									H118
H127			X								H127
H145					X						H145
H164	q	X			X			X			H164
H169		X									H169
H172								X			H172
H174		X									H174
H180									X		H180
H204					X						H204
I021		X									I021
I041									X		I041

San Francisco precancel

St. Louis precancel

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
I042	X	X								X	I042
I045		X									I045
I050		X	X								I050
I070										X	I070
I079			X								I079
I082				X							I082
I091-01	X	X	X					X			I091-01
I091-11		X	X								I091-11
I043.7-13		X									I043.7-13
I043.7A-20								X			I043.7A-20
I043.7A-25											I043.7A-25
I043.7B-02		X									I043.7B-02
I043.7B-04				X							I043.7B-04
I043.7B-06								X			I043.7B-06
I043.7C-08			X								I043.7C-08
J002		q									J002
J005				X							J005
J010	X										J010
J049		X									J049
J056A		X		X							J056A
J063		X									J063
J080	X	X									J080
J098	X						X				J098
J131									X		J131
J140	X	X									J140
J156		X	X								J156
J166.5		X									J166.5
J178C	X										J178C
J182		X									J182
K004		X									K004
K019		X									K019
K034		X									K034
K037.7			X								K037.7
K043					X						K043
K046		X									K046
K051	X										K051
K069				X							K069
L005		X	X				X		X	X	L005
L027		X							X		L027
L035		X									L035
L046			X	X							L046
L055-01		X							X		L055-01
L060-4		X								X	L060-4
L082	X	X			X		X	X			L082
L101		X									L101
L122	X										L122
L128	q	Xq						q			L128
L128A	q	q						q			L128A
L129		X									L129
L130.1		X									L130.1
L133					X						L133
L146	X	X		X							L146

Chicago precancel  
Chicago precancel

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
L156	X	X									L156
L180	X	X	X				X	X	X		L180
L183					X						L183
M008.7	X			X							M008.7
M023	X										M023
M036				X							M036
M043										X	M043
M045		X									M045
M053	X	X					X				M053
M090	X	X					X				M090
M099									X		M099
M104									X		M104
M112		X									M112
M132	X	X	X								M132
M145							X				M145
M147		X									M147
M155										X	M155
M180					X						M180
M192		X									M192
M198		X									M198
M204							X				M204
M210							X				M210
M213									X		M213
M218		X									M218
M220A		X									M220A
M237										X	M237
M244		X									M244
M265		X									M265
M270				X							M270
M274					X						M274
M287		X					X				M287
M300.5										X	M300.5
M309	X										M309
N002		X									N002
N022					X						N022
N041		X	X		X						N041
N054		X									N054
N054A		X					X	X			N054A
N068				X							N068
N075		x									N075
N081									X		N081
N096											N096
N100							X	X			N100
N101									X	X	N101
N118		X									N118
N129	X	X									N129
N130		X									N130
N131		X									N131
N133									X		N133
N151		X									N151
N163				X	X						N163
N168			X								N168

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
N173	X	X									N173
N182	X	X	X	X							N182
N188	X	X									N188
N113-00					q						N113-00
N113A-01		X									N113A-01
N113A-12		X									N113A-12
N113Aa-01					X						N113Aa-01
N113Aa-04				X							N113Aa-04
N113B-03		X									N113B-03
N113Bb-10		X									N113Bb-10
N113C-13A		X									N113C-13A
N113D-05		X		X	X						N113D-05
N113D-10		X		X							N113D-10
O005		X									O005
O073	X										O073
O078		X	X				X	X			O078
O092										X	O092
P007		X		X	X		X	X			P007
P022		X					X	X			P022
P023							X	X			P023
P025.5		X	X		X						P025.5
P049								X			P049
P041		X									P041
P056.16		q									P056.16
P069	X	X									P069
P075.5		X									P075.5
P079		X			X						P079
P082	X	X	X	X	X		X				P082
P096					X		X				P096
P096.1		X		X							P096.1
P101		X									P101
P102		X			X		X				P102
P104		X					X				P104
P105		X									P105
P106		X									P106
P112		X									P112
P129		X									P129
P131		X									P131
P143								X			P143
P150										q	P150
P167.1		X									P167.1
P168		X									P168
P171		X									P171
P172		X									P172
P174A	X	X									P174A
P188	X	X	X	X	X		X	X	X	X	P188
P203		X									P203
P224	X										P224
P250		Xq			q		Xq	Xq	Xq		P250
Q002					X				X		Q002
Q003									X		Q003
Q009		X									Q009

St. Louis precancel

San Francisco precancel



Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
R006									X		R006
R007			X								R007
R012		X									R012
R013		X									R013
R017	X	X						X			R017
R037		X									R037
R054		X									R054
R055		X									R055
R069	X										R069
R074		X									R074
R075.5									X		R075.5
R081		X									R081
R086.3									X		R086.3
R087	X	X	X	X	X			X			R087
R087.5				X	X			X			R087.5
R092	X										R092
R103							X				R103
R108	X										R108
R121A									X		R121A
R140		X									R140
R148									X		R148
R154										X	R154
R163			X								R163
S008				X	X						S008
S014		X									S014
S017	X	X	X	X	X			X	X		S017
S026								X			S026
S075		X									S075
S076										X	S076
S080	q	X		X	Xq			X	q		S080
S092	Xq	X	q					X			S092
S107		q	X								S107
S127		X									S127
S136		X									S136
S142		X									S142
S170		X									S170
S172				X							S172
S176		X									S176
S198		X									S198
S203			X						X		S203
S215	Xq	Xq	X	X	X		X	X	X		S215
S232	X	X			X			X			S232
S235.5			X								S235.5
S244				X							S244
S266					X						S266
S268		X									S268
S280					X		X				S280
S287	X	X	X								S287
S292		X									S292
S298	X	X						X			S298
S326									X	X	S326
S328		X									S328

San Francisco precancel  
San Francisco precancel

San Francisco precancel

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
S338-08			X	X	X						S338-08
S344								X			S344
S359								X	X		S359
S002-51			X								S002-51
S002-52		X						X	X		S002-52
S195-19A					X					X	S195-19A
T003					X						T003
T028			X								T028
T039		X									T039
T043.5					X					X	T043.5
T055								X			T055
T058			X								T058
T076		X									T076
T081	X		X								T081
T089.8							X				T089.8
T098				X							T098
T099		X									T099
T115		X									T115
T117	q	Xq	q		q		X	q			T117
T122		X			X						T122
T123	X	X									T123
U021		X		X			X				U021
U042		X									U042
U047.5		X	X		X						U047.5
U048							X				U048
U052	X	X					X	X	X		U052
U060	X	X	X	X	X						U060
U064		X									U064
U073		X									U073
U078								X			U078
U088					X						U088
U097	X	X									U097
U100				X							U100
U105	X										U105
U107		X									U107
U082-04					X						U082-04
U082-09	X										U082-09
U082-18			X								U082-18
W007-03								X			W007-03
W007-07		X			q						W007-07
W007-09					X						W007-09
W007-12	X	X		X	X		X				W007-12
W013	X	X			X						W013
W13C		X									W013C
W016.5		X			X		X				W016.5
W017			X								W017
W025		X									W025
W026							X				W026
W031		X									W031
W052	X	X			X		X				W052
W057		X					X				W057
W060		X									W060

San Francisco precancel

Perf 12	1	2	5	10-y	10-o		1	2	5	10-o	Perf 10
W062					X				X	X	W062
W066		X.									W066
W087		X									W087
W090		X	X	X	X			X			W090
W114				X							W114
W129		X									W129
W130		X									W130
W146.5		X									W146.5
W155	X	X	X		X						W155
W169	X	X	X		X		X				W169
W173										X	W173
W185		X	X								W185
W193								X			W193
W197									X		W197
W203-1										X	W203-1
W211		X									W211
W214A		X									W214A
W222		X									W222
W072.01					X						W072.01
W072.03									X		W072.03
W072.12			X								W072.12
W072.21			X								W072.21
W072.63	Xq	Xq	X	X	Xq		q		q		W072.63
W072.75			X								W072.75
W199-01					X						W199-01
W199-10	X	X	X					X			W199-10
W199-15		X									W199-15
W199-18					X						W199-18
Y011		X	X					X			Y011
Y013		X									Y013
Z001	X	X	X					X			Z001
Z001A		X	X					X			Z001A
Z004									X		Z004
No. 04		X									No. 04
No. 23				X							No. 23
Des. 01	X										Des. 01
Des. 04		X									Des. 04
Des. 07								X			Des. 07
Des. 24		X									Des. 24

San Francisco precancel

Legend: X = exists with perfin    q = exists with preper

Edited by Steve Endicott

Please send updates to Steve at [perfins@gmail.com](mailto:perfins@gmail.com)

**Perf 12    1    2    5    10-y    10-o         1    2    5    10-o    Perf 10**

---