BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
092J085

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Siviculture Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM, Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- HydroNavBarriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1,000,000 ha - 15 % hatch)
- Municipal boundary (> 1,000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

○12
123/L
Fd(Hw)
211-20
he,sl
GL78

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Dougls Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opeing Number
○12 - opening number valid for BCGS mapsheet   *blank* - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer
VRIMS Polygon Number - ranging from one to nine digits
/L - Multi-layered stand (a separate description of each layer is availiable in the data base, i.e. 1,2)

Line 3 - BC Tree Code List
Species Compsition: Species are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dataed January 2009.

NATIVE CONIFERS
C CEDAR
Cw Western Red Cedar
Y CYPRESS
Yc Yellow Cedar
F DOUGLAS FIR
Fd Douglas Fir
Fdc Coastal Douglas Fir
Fdi Interior Douglas Fir
B FIR (Balsam)
Ba Amabilis Fir
Bg Grand Fir
Bl Subalpine Fir (alpine)
H HEMLOCK
Hm Mountain Hemlock
Hw Western Hemlock
Hxm Mountain x Western Hemlock hydrid
J JUNIPER
Jr Rocky Mtn. Juniper
Js Seaside Juniper
L LARCH
La Alpine Larch
Lt Tamarack
Lw Western Larch
P PINE
Pj Jack Pine
Pf Limber Pine
Pl Lodgepole Pine
Pli Lodgepole Pine (interior)
Pxj Lodgepole x Jack Pine hybrid
Py Ponderosa Pine (yellow)
Plc Shore Pine (coast)
Pw Western White Pine
Pa Whitebark Pine
S SPRUCE
Sb Black Spruce
Se Engelmann Spruce
Ss Sitka Spruce
Sw White Spruce
Sx Spruce hybrid
Sxw Engelmann x White
Sxl Sitka x White
Sxs Sitka x unknown hybrid
T YEW
Tw Western Yew

NATIVE HARDWOODS
D ALDER
Dr Red Alder
U APPLE
Up Pacific Crab Apple
A ASPEN, COTTONWOOD or POPLAR
Ac Poplar
Acb Balsam Poplar
Act Black Cottonwood
Ax hybrid Poplars
At Trembling Aspen
R ARBUTUS
Ra Arbutus
E BIRCH
Ea Alaska Paper Birch
Exp Alaska x Paper Birch hybrid
Ep Paper Birch (white)
Ew Water Birch
K CASCARA
Kc Cascara
V CHERRY
Vb Bitter Cherry
Vv Choke Cherry
Vp Pin Cherry
G DOGWOOD
Gp Pacific Dogwood (western flowering)
M MAPLE
Mb Bigleaf Maple (broadleaf)
Mv Vine Maple
Q OAK
Qg Garry Oak
W WILLOW
Wb Bebb's Willow
Wp Pacific Willow
Wa Peachleaf Willow (Barclay's)
Wd Pussy Willow (gray-leaved)
Ws Scouler's Willow
Wt Sitka Willow (tea-leaved)

UNKNOWN - OTHER
X UNKNOWN
Xc unknown conifer
Xh unknown hardwood
Z OTHER (tree not on list)
Zc other conifer
Zh other hardwood

EXOTICS
APPLE
Ua Apple
ASPEN, COTTONWOOD or POPLAR
Ad *Southern Cottonwood
BIRCH
Ee European Birch
Es Silver Birch (swamp)
Ey *Yellow Birch
CHERRY
Vs Sweet Cherry
CYPRESS
Yp *Port Orford Cedar
FIR (Balsam)
Bb *Balsam Fir
Bp Noble Fir
Bm *Shasta Red Fir
Bc *White Fir
LARCH
Ld *Dahurian Larch
Ls *Siberian Larch
MAPLE
Me Box Elder
Mn *Norway Maple
Ms *Sycamore Maple
OAK
Qe *English Oak
Qw *White Oak
OTHER EXOTICS
Oa *Incense Cedar
Ob *Giant Sequoia
Oc *Coast Redwood
Od European Mountain Ash
Oe Siberian Elm (southern)
Of Common Pear
Og Oregon Ash
Oh *White Ash
Oi *Shagbark Hickory
Oj Tree-of-heaven
Ok Japanese Walnut
PINE
Pm *Monterey Pine
Pr *Red Pine
Ps *Sugar Pine
SPRUCE
Sn *Norway Spruce

Line 4

4a AGE CLASS CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-120
7	121-140
8	141-250
9	251 +

4b HEIGHT CLASS CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 28.4
4	28.5 - 37.4
5	37.5 - 46.4
6	46.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c CROWN CLOSURE CLASS CODE	LIMITS (percentage)
0	0 - 5
1	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX
SI is estimated when suitable SI trees arenot present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)

NON-TREED SHRUB
st SHRUB TALL - shrub with average shrub height > or = to two metres.
sl SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
he HERB - herb with no distinction between forbs and graminoids.
hf HERB - FORBS - herb with forbs > 50% of the herb cover.
hg HERB - GRAMINOIDS - herb with gaminoids > 50% of the herb cover.

NON-TREED BRYOID
by BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
el Exposed Land
ro Rock / Rubble
si Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)
ap AIRPORT
be BEACH
bl BLOCKFIELD
br BEDROCK
bu BURNED AREA
cb CUTBANK
es EXPOSED SOILS
gl GLACIER
gp GRAVEL PIT
la LAKE
lb LAVA BED
ll LANDING
ls POND or LAKE SEDIMENTS
mi OPEN PIT MINE
mn MORAINE
mu MUDFLAT SEDIMENT
mz RUBBLY MINE SPOILS
oc OCEAN
ot OTHER
pn SNOW COVER
re RESERVOIR
ri RIVER / STREAM
rm RESERVOIR MARGIN
rn RAILWAY SURFACE
rs RIVER SEDIMENTS
rz ROAD SURFACE
ta TALUS
tz TAILINGS
ur URBAN

Note: Water categories (la, oc, re, ri) not labelled over 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records)
A ALPINE
AF ALPINE FOREST /Species
C CULTIVATED
CL CLAY BANK
G GRAVEL BAR
GR GRAVEL PIT
ICE ICEFIELD
M MEADOW
MUD MUD FLAT
NP NON PRODUCTIVE
NPBR NON PRODUCTIVE BRUSH
NPBU NON PRODUCTIVE BURN
NPF NON PRODUCTIVE FOREST /Species
NTA NO TYPING AVAILABLE
OR OPEN RANGE
P HAYFIELD
R ROCK
S SWAMP
SAND SAND
TIDE TIDAL FLAT
U URBAN
NC NON COMMERCIAL
NCBR NON COMERCIAL BRUSH
NP NON PRODUCTIVE
NSR NOT SUFFICIENTLY RESTOCKED
NTA NO TYPING AVAILABLE

Line 6 - Disturbance History
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

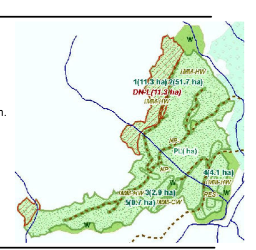
A Animal Damage
B Wildfire
C Cone and Seed Insects
D Diseases
I Insects
L Logging
M Mite Damage
N Non-Biological Injuries
P Cone and Seedling Fungal Pathogens
R Site Rehabilitation
T Treatment Injuries
U Damage Unknown
V Problem Vegetation

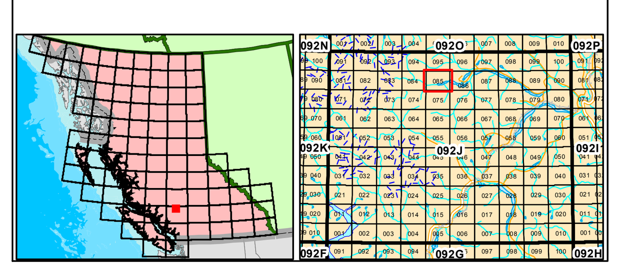
Example Opening History Details

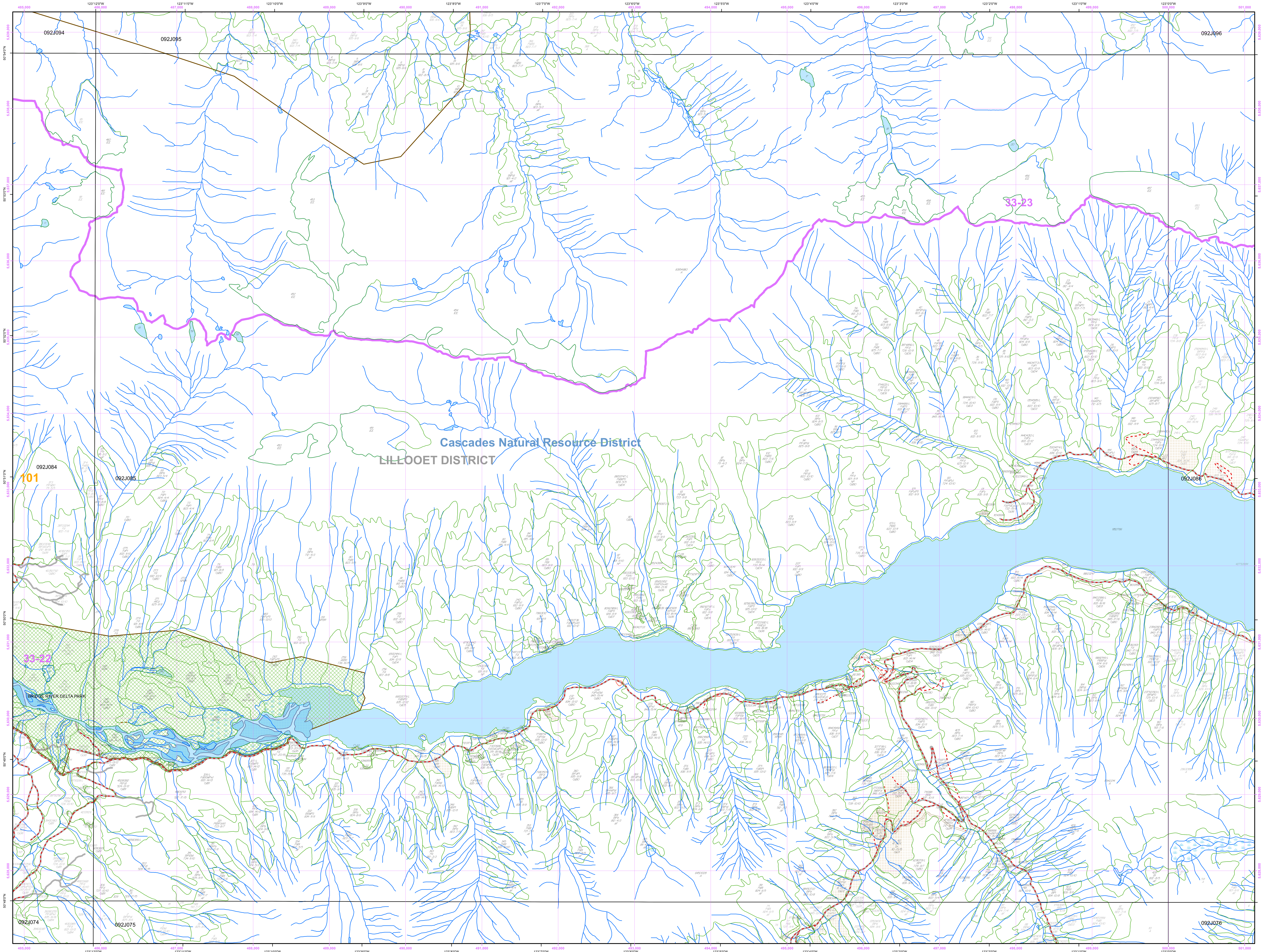
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH







Overflow Labels

7 BlSePa 936-9/6	4002340 Fd(Pl)Bl(Pw) 212-19/19 GL98	14293853 FdPl(At) 733-17/16 GL80	○20 7141595 NSR GL96	85513672/L Pl(BlAt) 723-9/8 GL06
15 BlPa 923-5/3 AF	4242420 Fd(Pl) 835-13/12 GL80	14351012 Pl(BlSx) 112-18/18 GL94	7165622 FdSxEpPl(Lw) 216-19/14 GL95	○28 87103235 Fd 841-18/17 GL97
22 BlPa 626-10/9	○11 4552405 Pl(FdSeBl) 210-16/16 GL94	○14 14590928 SePl 210-15/15 GL95	72141748 EpFdSxPl(Lw) 216-18/18 GL95	87192649 FdPy 935-12/12 GL96
66 Pa(Bl) 911-3/2 AF	4682268 FdPl(BlPw) 213-18/18 GL98	18013156 Fd 835-15/15 GL80	○20 72221624 NSR GL96	○28 87232933 Fd 841-18/17 GL97
79 BlPa 825-6/4	5571642 FdPl(Bl) 737-13/13	18823247 FdEp 222-27/27 GL90	○20 73138107 NSR GL96	○9 87401998 Fd(LwS) 210-20/20 GL94
169 FdPwSe 846-19/19	6142310 FdPl(LwSx) 213-21/21 GL94	20943201 FdEp 222-27/27 GL90	73791786 EpSxFdl 226-22/22 GL95	87662029 Fdl(LwSxEpPl) 214-21/21 GL94
233 Fd 846-18/18	6342373 LwPl(FdlSx) 213-21/21 GL94	21483067 FdPl(SxBlPw) 216-22/22 GL90	○20 74161939 NSR GL96	87792975/L FdAc(Py) 944-13/13 GL04
270 Pl 833-13/12 GL80	○13 7881371 Pl(BlSx) 212-16/16 GL94	21602986 Fd(Pl) 844-17/16 GL80	○20 74241672 NSR GL96	○9 87962012 Fd(LwS) 210-20/20 GL94
274 FdPl 826-7/7	○11 7892243 NSR GL96	22043056 SxEp(BlFdlCw) 212-25/25 GL90	74691674 FdlSx(SxPl) 215-18/18 GL95	88002104 FdSe(Pw) 846-17/16
277 FdPl 824-10/10 GL80	8101573 BlPl(SxFdl) 213-15/15 GL94	22452484/L FdPl(Se) 834-12/12 GL03	74971793 EpFdlSxPl) 227-22/22 GL95	○28 88292693 Fd 841-18/17 GL97
282 Fd 834-10/9	8131493 FdSe 845-15/15 GL80	22513048 FdPl(SxEpPw) 224-27/27 GL90	○20 75051684 NSR GL96	○9 88822065 Fd(LwS) 210-20/20 GL94
308 Pl 528-17/15	○17 8962736 SxFdl(EpPl) 211-20/20 GL95	22743180 SxEp(BlFdlCw) 212-25/25 GL90	75091621 Fd(PwSe) 946-14/14	89012117 FdPl(EpSxLw) 214-21/21 GL94
309 Bl(Pa) 825-8/6	○13 9251303 Pl(BlSx) 212-16/16 GL94	23252957 Fd(Se) 844-18/18	○20 75471858 NSR GL96	89071928 FdlPl(SxEp) 111-19/19 GL98
397 PaBl 824-8/8 AF	9571471 BlFdl(SxPl)(Lw) 213-15/15 GL94	23914430/L FdPl(Pl) 812-4/4 AF GL04	75972511/L Fdl 844-21/15 GL96	89481987 FdlPl(LwSxEpPl) 214-21/21 GL94
413 Fd(Bl) 835-14/13	○13 9561165 Pl(BlSx) 212-16/16 GL94	○46 24462999 SeEpCw 210-15/15 GL95	76011732 EpFdlSxPl(Lw) 216-18/18 GL95	○9 89712149 Fd(LwS) 210-20/20 GL94
417 BlPa 824-6/4 AF	9772583 FdBl 843-15/14	42661801/L FdSe 843-14/14	○29 76252542 Fd 741-21/20 GL97	93052094 Fdl(LwEpSx) 212-24/24 GL94
418 BlPa 824-7/4 AF	○26 10183659 Fd 732-17/17 GL97	4299168 GL81	76622493 si	93761974 FdPl(Sx) 111-19/19 GL98
462 Bl(Pa) 933-7/4	11003819 FdSe(Pw) 845-17/16	○2 43011518 Pl(Pw) 210-16/16 GL96	○29 76922465 Fd 741-21/20 GL97	93882112 Fdl(LwSxEp) 212-24/24 GL94
463 PaBl 933-10/10	11043694 FdPl(EpLw) 842-18/18 GL96	46590919/L FdSe 843-14/14	77292482 Fd 931-9/9 NP	93912062 FdPl(Sx) 111-19/19 GL98
475 Fd(Se) 836-14/13	11993956/L FdPlAt 733-17/16 GL03	47251484 FdlSxPl 212-20/20 GL95	77322522/L Fdl 844-21/15 GL96	94462125 Fdl(LwSxEp) 212-24/24 GL94
478 FdSe(Pw) 846-17/16	12401101 SxPl(FdlBl) 212-15/15 GL94	○24 47571453 NSR GL95	○29 77962522 Fd 741-21/20 GL97	○10 94902139 Fd(LwS) 210-20/20 GL94
○23 482 Fd 834-14/14 GL85	12422963 FdlEp 223-23/23 GL90	○24 48491470 NSR GL95	82802648/L Fd(Py) 934-12/12 GL06	95842176 FdPwSe 846-15/15 GL80
○33 172274 FdlPl(PwLwEpSx) 112-18/18 GL98	12514407/L Pl(Fd) 625-10/9 GL04	57831568 EpPl(Fdl) 223-20/20 GL95	82822918 FdPl(At) 733-18/14 GL96	○8 96622224 FdLw 210-20/20 GL94
402212 Pl(LwSxPw) 117-18/18 GL98	○26 12553999 Fd 732-17/17 GL97	○23 58401584 NSR GL96	○28 83212947 Fd 841-18/17 GL97	96702098 FdPl(EpSx) 112-19/19 GL98
662098 PlFd(BlPwSx) 115-18/18 GL98	12564050/L Fd(Pl)(Lw) 843-18/19 GL07	○22 62711659 NSR GL96	83302801 PlFd(Py) 211-15/15 GL96	98422059 FdPl(Sx) 112-19/19 GL98
711098 SeBl 943-13/14	○14 12611168 SePl 210-15/15 GL95	63271627 EpFdl(PlSx) 222-20/20 GL95	○28 83872819 Fd 841-18/17 GL97	○8 98992287 FdLw 210-20/20 GL94
○3 772500 FdPl(BlPw) 215-17/17 GL94	12781049 PlSxBl(Fdl) 212-15/15 GL94	63466555 EpFdl(PlSx) 222-20/20 GL95	○28 83982753 Fd 841-18/17 GL97	○8 99162337 FdLw 210-20/20 GL94
912395 Fd(Pw) 836-13/12 GL80	13023946/L FdPl(EpLw) 842-18/18 GL08	○22 63901599 NSR GL96	84222736 FdAc 933-12/12	99632274 FdPwSe 846-15/15 GL80
○3 1002312 FdPl(BlPw) 215-17/17 GL84	○14 13120962 SePl 210-15/15 GL95	○22 63931535 NSR GL96	84342703 FdlPl(SxAt) 844-21/16 GL96	○8 99802234 FdLw 210-20/20 GL94
1130667 SxBlPl 111-18/18 GL95	13183073 EpFdl(Sx) 222-25/25 GL90	64581635 EpFdl(PlSx) 115-18/18 GL98	85032650 FdPy(Pl) 935-12/12 GL96	99810646 SeBl 945-13/14
1752073 Fd(Pw) 836-13/12 GL80	13603858 FdPl(EpLw) 732-15/16 GL96	65621656 FdlSx(Pl) 211-22/22 GL95	○28 85112737 Fd 841-18/17 GL97	
1752502 FdPl(SePl(Bl)) 221-22/22 GL84	13623768 FdPl(EpLw) 842-18/18 GL96	71201719 EpFdl(SxPl) 227-22/22 GL95	85243184 FdAcPy 944-13/13	
○15 3461324 SxBlPl 212-18/18 GL94	13650967 PlSxBl(Fdl) 212-15/15 GL94	○20 7138663 NSR GL96	○28 85472839 Fd 841-18/17 GL97	