BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
093E077

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
- Silviculture 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
rm 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.

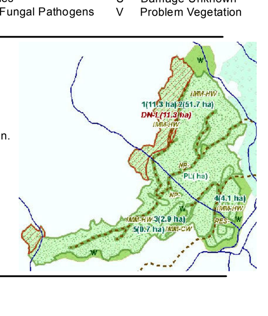
A Animal Damage
B Wildfire
C Cone and Seed Insects
D Diseases
I Insects
L Logging
M Mite Damage
N Non-Biological Injuries
P Cone and Seedling Fungal Pathogens
R Site Rehabilitation
T Treatment Injuries
U Damage Unknown
V Problem Vegetation

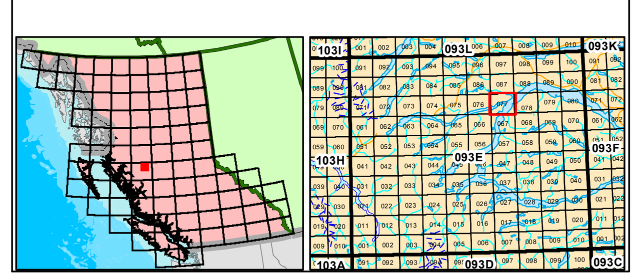
Example Opening History Details

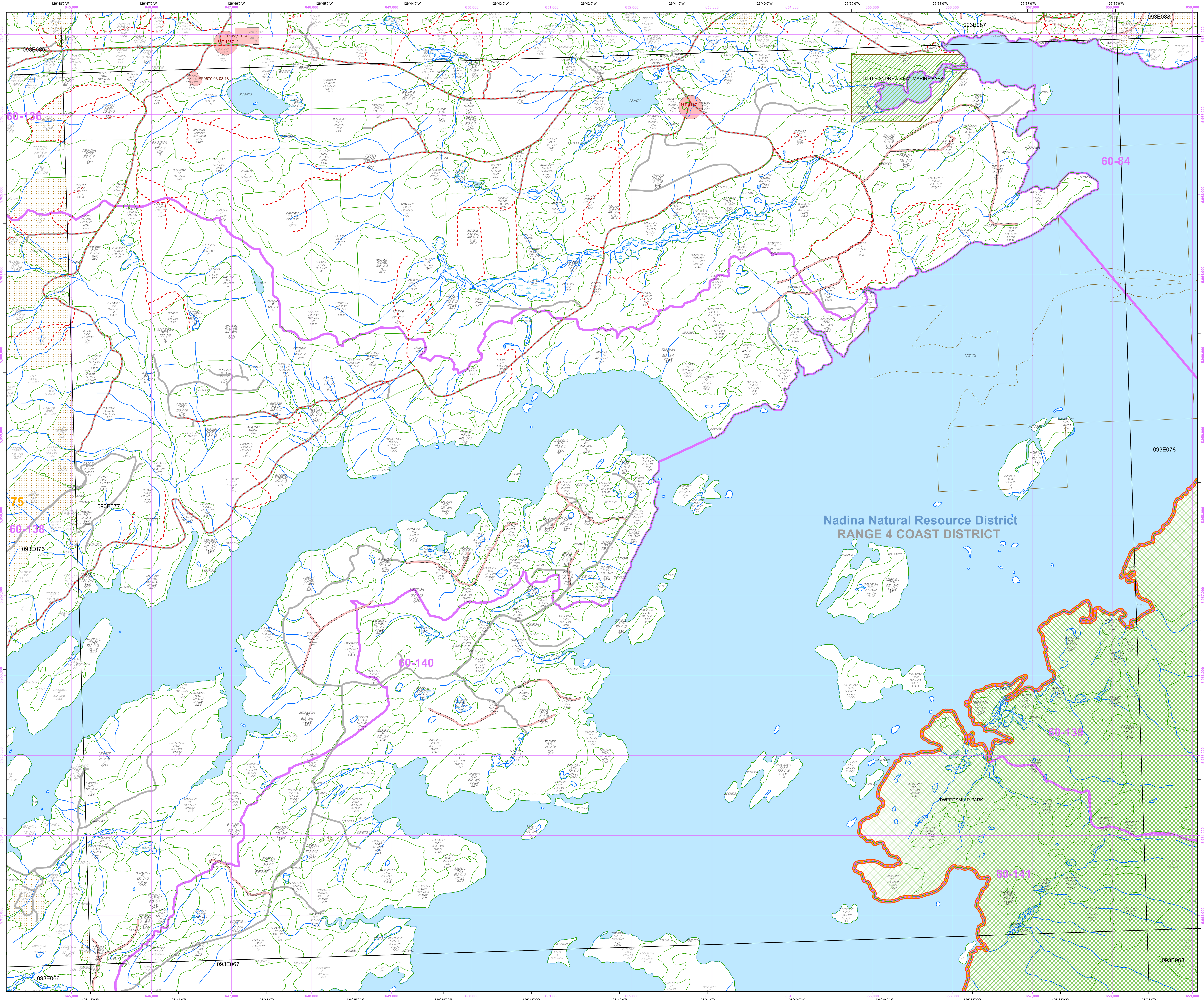
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

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

1030698 Pl(Sx) 111-18/18 sl he GL04	13451347 PlSx 111-18/18 sl he GL04	33273932 PlSx 111-18/18 sl he GL04	74433433/L Pl(Bl) 511-0/6 br sl he by GL07	9899175/L PlSx 733-0/15 sl he by GL05
3160620 Pl(Sx) 111-18/18 sl he GL04	14662905/L Pl(Sx) 524-0/13 sl he GL05	33864104 Pl(Bl) 111-18/18 sl he GL04	74469543 SxPl 111-18/18 sl he dw GL10	9964983 SxPl 111-19/19 sl he GL09
3401561 PlSx 111-18/18 sl he GL05	15208458/L SxBlPl 834-0/11 sl he by GL04	35253383/L Pl(SxBl) 534-0/15 sl he GL03	74709486/L SxPlBl 832-0/9 he sl GL05	92742312 SxAt(BlPl) 520-0/8 sl he
3771384 Pl(Bl) 111-15/15 sl he GL05	16181050/L Sx(PlBl) 531-0/16 sl he es G	37329931/L PlSx 420-0/14 sl he by GL07	75061284 PlBlSx 510-0/7 he sl	93008521/L Pl(Bl) 324-0/13 sl he GL04
3974973/L SxBl(Pl) 833-0/12 sl GL10	16881146/L Sx(PlBl) 421-0/16 sl he la G	37544929 gp sl	75188485 PlSx(Bl) 111-18/18 sl he GL05	93492205/L PlSx(At) 522-0/12 sl he GL04
4601124 Pl(SxBl) 111-18/18 sl he GL05	17368457/L SxBlPl 631-0/11 by sl he GL04	37839694/L PlSx 830-0/15 he sl la by GL07	75406657 BlPlSx 111-18/18 sl he GL05	93709711/L Sx 834-0/10 sl GL04
5664961 SxPl 111-19/19 sl he GL10	17824719/L SxBl(Pl) 834-0/13 sl GL03	38344933/L SxBl 943-0/8 st GL03	76098514/L SxPl(Bl) 832-0/9 he sl GL05	94338541 SxPl(Bl) 610-0/3 hg sl
5771936/L PlSx 523-0/14 sl he by G	18154476/L SxBlPli 721-0/10 sl he G	40530054/L PlSx 830-0/15 he sl la by GL07	76129404/L SxPl(Bl) 831-0/10 sl he GL05	94899599/L SxPl(Bl) 611-0/6 he sl by G
5960407 Pl(Sx) 111-18/18 sl he GL03	18154953/L SxPlBl 522-0/13 sl he GL03	40760210/L PlSx 830-0/15 sl he by GL07	77038529 PlSx 111-18/18 sl he GL04	96578485 he sl la
6060807 PlSx 111-18/18 sl he GL02	19222883/L SxPlBl 733-0/10 sl GL05	41413619 PlSx 111-18/18 sl he GL04	77571577 Pl(Bl) 221-0/16 sl GL74	99964977 BlSxPli 820-0/4 sl he by
6401208 Pl(Bl) 111-18/18 sl he GL03	19524956/L SxBl(AcPli) 832-0/11 sl he GL03	41628411/L Pl(SxBl) 833-0/11 sl he by G	77788623/L SxPl(BlAt) 833-0/9 sl GL05	
6531373/L SxPl(Bl) 731-0/11 he sl G	20669522 PlSx 732-0/15 sl he la by	42904120 PlSx 111-18/18 sl he GL04	79418501 sl he rz G	
6790833/L PlSx 633-0/18 sl he G	20943782 PlSx 111-18/18 sl he GL05	43659901 SxPl(Bl) 832-0/10 sl he	80034915 BlSx 934-0/10 sl	
7252983 PlSx 321-0/16 sl he GL71	21134302/L SxBlPli 834-0/12 sl GL07	44232128/L PlSx 723-0/10 sl he G	82912790/L SxPl(Bl) 833-0/10 sl GL04	
7808460/L SxBlPli 834-0/9 sl G	21953972 PlBl(Sx) 111-18/18 sl he GL05	44334266/L SxPli 530-0/15 sl he GL03	83071290 SxPl(AtBl) 521-0/12 sl he	
9129472/L SxPli 832-0/12 sl he G	22759684 PlSx 731-0/15 sl he la by	45694930 sl ur he	83162640/L SxPl(Bl) 832-0/10 sl GL04	
10291417 Pl(SxBl) 111-18/18 sl he GL03	22842351/L PlSxAt 521-0/10 he sl GL05	45794563/L SxPli 330-0/21 sl he G	83901399/L SxPl(Bl) 832-0/10 sl he by GL07	
10410996/L SxPl(Bl) 733-0/12 st GL04	23763924 Pl(Bl) 111-18/18 sl he GL05	48694934/L SxPli 831-0/12 sl he la GL02	85879083 PlBlSx 111-18/18 sl he GL05	
10501771/L PlSx 630-0/13 sl he by G	24034931 SxBl(Pli) 631-0/11 sl he	50314892/L SxPli 831-0/12 sl he la GL02	87032822/L SxBl(Pli) 832-0/11 sl he G	
10571130/L SxBl(Pli) 533-0/15 sl he GL04	24983665 SxBlPli 622-0/7 sl hg	50350046 SxAc(Pli) 732-0/11 sl he by	87108954 PlBlSx 111-18/18 sl he GL05	
10824958 SxPli 111-19/19 sl he GL10	26333057/L SxBl 831-0/10 sl G	50501064/L Pl(Sx) 733-0/14 sl he by be G	87550122 SxBl(Pli) 621-0/10 sl he	
10904302/L SxBl(Pli) 831-0/10 sl he GL07	27314798 SxBl(Pli) 841-0/13 st	50654914 PlSx 111-18/18 sl he GL05	88689192 PlBlSx 111-18/18 sl he GL05	
11041446 PlSxBl 111-19/19 sl he GL07	27413245/L SxBl 832-0/10 sl G	73510625/L SxPl(Bl) 833-0/10 sl he GL05	89314528/L SxPl(Bl) 834-0/12 sl GL10	
11090336/L SxPli 731-0/12 sl he GL05	27634878 SxAt(Pli)(Bl) 521-0/11 sl he	73571154/L PlSx 511-0/7 sl la he GL04	90389673/L SxPl(Bl) 832-0/10 he sl GL05	
11704969 SxPli 111-19/19 sl he GL10	28941103/L PlSx 833-0/15 sl he by GL07	73661642/L BlPlSx 524-0/12 sl he GL05	○ 37 90779303 PlSx 111-18/18 sl GL03	
12394831/L SxBl(Pli) 832-0/9 sl he GL03	30799536/L PlSx 420-0/14 sl he by GL04	73821895 Pl(Bl) 215-18/18 sl GL90	90799669 PlBlSx 111-18/18 sl he es GL05	
12631012/L SxPli 631-0/12 sl he GL04	31441089/L SxPli 833-0/11 sl he by GL07	74084704 SxBlPli 212-14/14 sl he GL87	91124895/L BlSx 526-0/10 sl GL07	
13114445 SxPl(Bl) 620-0/7 sl hg	31849705/L PlSx 420-0/14 sl he by la GL04	74151856 SxBlPli 511-0/6 sl he	91529243/L SxPl(AcBl) 833-0/10 sl he GL05	
13321743/L SxBlPli 821-0/6 sl he by GL07	31914726 SxAt(Pli)(Bl) 421-0/10 sl he	74193668 SlPl(Bl) 221-0/25 sl he GL73	91682315/L SxBlPl(At) 532-0/16 sl he GL06	