British Columbia
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
093P026

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

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

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records)

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

Line 6 - Disturbance History

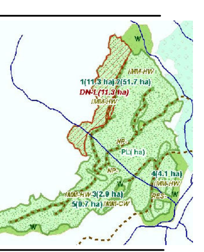
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

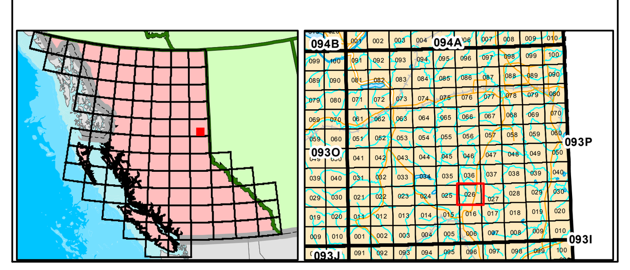
A Animal Damage	L Logging	R Site Rehabilitation
B Wildfire	M Mite Damage	T Treatment Injuries
C Cone and Seed Insects	N Non-Biological Injuries	U Damage Unknown
D Diseases	P Cone and Seedling Fungal Pathogens	V Problem Vegetation
I Insects		

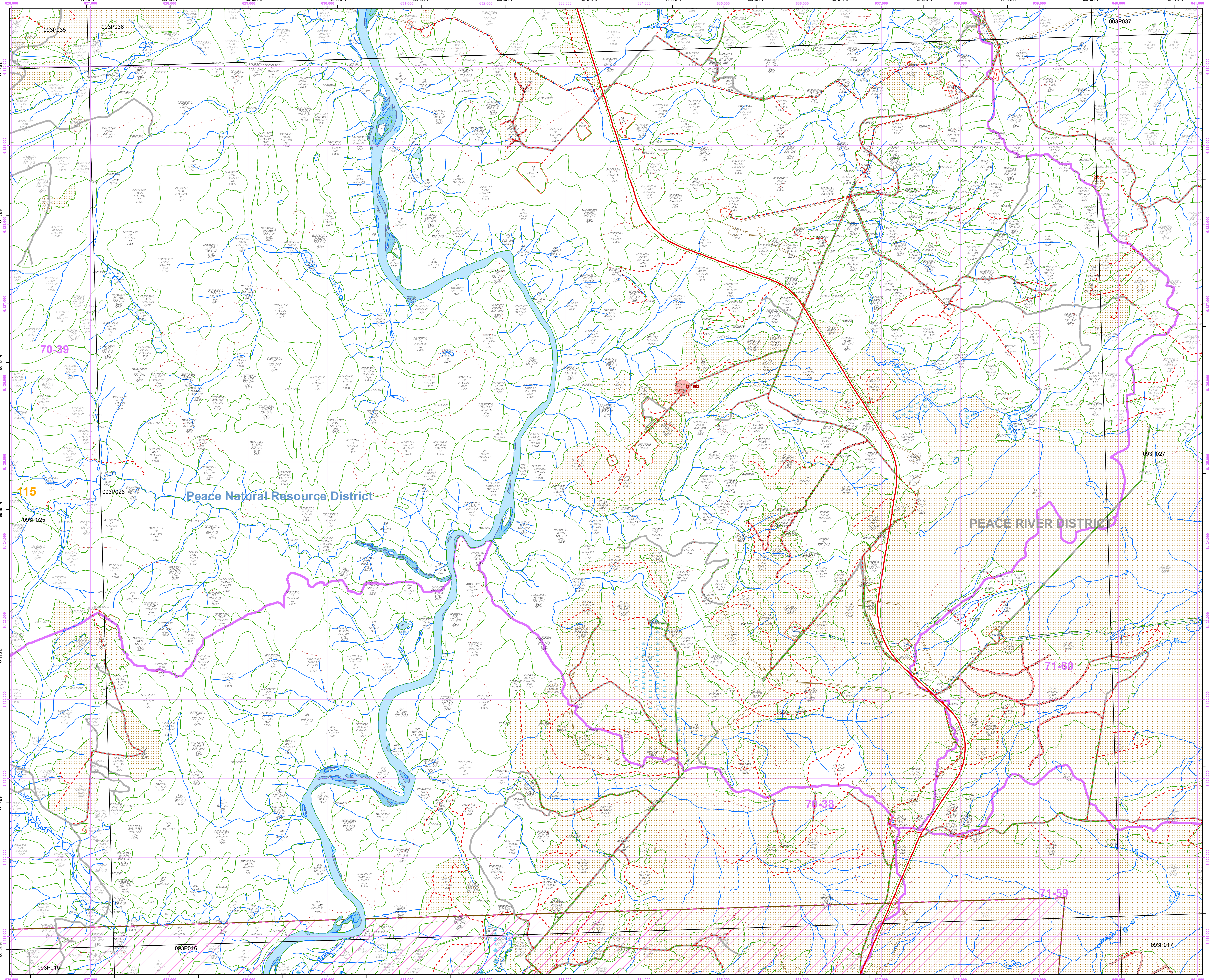
Example Opening History Details

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

3 Ac 547-0/24	1018919/L SbSb(Pl) 833-0/6 st he GJ04	7489359/L At(Pl) 635-0/14 he GJ05	13637619 Sb(Pl)(Sw) 725-0/7 st he	57874692/L At(Pl) 622-0/6 st he GJ05	86339392 Pl(SxAcb(At)) 111-15/15 GL96	○ 45 98165356 SxAt 735-0/10
10 Ac 536-0/20 he sl	1068412/L Sb(Sw(Pl)) 824-0/7 st he GJ04	7519605/L Pl 733-0/13 he GJ04	13647457 Sb(Lt)(Pl) 824-0/6 st he	58539810/L Pl(AtSw(Sb)) 724-0/12 he GJ06	86978363 PlSx 112-12/12 GL96	98248448 PlSx(Bl) 114-18/18 GL96
17 Pl(At) 326-0/14 st he	1898256 PlSb 836-0/14 st he	7529023/L PlSw 633-0/14 st he GJ05	13755972 he es sl	60937522/L Pl(At) 723-0/11 st he GJ04	87129254 PlSw 636-0/15 st he	○ 58 88296644 GB06
18 At 221-18/18 he es	○ 29 1807446 NSR GL96	7559270/L At(Pl) 635-0/14 he GJ05	13947717 SxPl(At) 633-12/15 GL97	61303504/L Sw(At(Pl)) 835-0/10 st he GJ07	87849522 SxPl 112-20/20 GL96	○ 58 98686126 GB06
29 AcSw) 744-0/19 st ri	1979187/L Sw(Sb(Pl)) 731-0/11 st he GJ04	○ 59 7650329 AcAt(Sx) 633-0/12	14498525 Bl(Pl(Sx)) 112-18/18 GL97	61086456/L At(Pl)(Sw) 610-0/4 es GJ04	88149483 PlSxBl(Acb) 111-18/18 GL96	○ 49 98807223 Pl(Sx) 111-18/18
37 Ac 436-0/19 he	1998787/L Sb(Pl) 714-0/4 st GJ05	7959638/L Sw(Pl) 834-0/11 st GJ04	15435934 SwSb(Pl) 836-0/10 st he	61649916/L At(SwPl) 626-0/12 he GJ07	○ 51 88314217 At 832-0/13	98968754 PlSx(Bl) 114-18/18 GL96
40 AcSw) 732-0/16 es	2115183 Sw(Sb(Pl)) 835-0/11 st he	8019005 SbSw(Pl) 625-0/9 st he	16309672 Sx 111-18/18 GL97	65674491/L Pl 734-0/13 st he by GJ04	88492571 PlSxAcb(At) 111-15/15 GL96	99028962 Sb(Pl) 826-0/6 he
43 Ac 744-0/22 st he	2409083/L Sw(Sb(Pl)) 731-0/11 st he GJ04	8099240/L PlSw 831-0/16 he GJ05	16407900/L SbSw(Pl) 825-0/8 st he GJ05	67267740/L AtSw(Sb(Pl)) 735-0/17 he sl GJ03	○ 58 88725934 GB06	○ 35 99034327 AtSx 334-0/23
46 Sw(Ac) 721-0/8 es sl	2549709 Pl 112-12/12 GL96	8405638 Pl 211-18/18 GL89	16723850 Pl(Bl(Sx)) 114-15/15 GL97	69043556/L AtSw(Pl) 525-0/13 he sl GJ08	○ 34 88774541 NSR GL96	99438651 AcAt 215-11/11 st he
53 Sb(Sw(Pl)) 827-0/5 he	○ 45 2985459 SxAt 735-0/10	8509836	17505964 Sb(Pl) 836-0/9 he	69843555/L At(Pl)Sw 725-0/9 he GJ07	89677153 SbSw(Pl) 826-0/8 st he	○ 45 99373512 SxAt 735-0/10
77 At 430-0/19 he sl es	3017206 Pl 737-0/12 he	8737236 SwPl(Sb) 835-0/12 he	18029507 Pl 112-18/18 GL97	71747486/L Pl(At) 723-0/11 he sl GJ04	90678143/L SwPl 834-0/10 he sl GJ04	
178 AcSw 631-0/12 es st	3107175 SbSw(Pl) 835-0/11 he sl	8835594 Pl 211-18/18 GL89	19287757 Sb(Sw) 825-0/8 st he	72074390 PlSx 113-18/18 GL98	○ 34 90934815 NSR GL96	
213 Sb(Lt(Pl)) 714-0/5 sl	3248978/L Pl(Sw(Sb)) 732-0/13 st he GJ04	8849424/L Sw(Pl) 834-0/11 st GJ04	19935998 Pl(Sb) 637-0/14	72804373 PlSx(At) 113-18/18 GL98	93080198 PlSx 111-18/18 GL96	
217 Sb 827-0/6 he	3518856/L PlSb 824-0/9 he sl GJ04	9816112 SxPl(Bl) 112-15/15 GL92	○ 15 23104429 NSR GN82	73710073/L Pl 624-0/12 he GJ04	99947549 SbSw(Pl) 826-0/8 st he	
218 Sb(Sw(Pl)) 826-0/6 he	3659155/L PlSw(At) 733-0/13 he sl GJ04	9899140/L PlSw(Sb) 632-0/14 st he GJ05	44899961/L Sb(Pl) 833-0/9 st he GJ08	73789914/L At(Pl) 526-0/9 he GJ03	92328176 PlSx 111-18/18 GL96	
221 SwSb 830-0/13 st he	3789825 Pl 112-12/12 GL96	9969357/L Sw(Pl) 841-0/16 he GJ04	45399790 SwSb(Lt) 834-0/7 st he	73864550 PlSx(At) 113-18/18 GL98	92499589 Pl(At) 525-0/11 st he	
394 Sw 830-0/7 he es sl	○ 33 3826201 NSR GL96	10146099 PlSx 114-12/12 GL92	45538960 AtSw(Ac) 635-0/16 st he	75876651/L At(Pl)Sw(Ac) 621-0/6 es he sl GJ07	○ 29 92937632/L PlSx 648-0/21 GJ04	
395 SwAc(At) 831-0/11 rs sl he	○ 57 3866274 Pl 111-12/12 GL08	10439941	46258374 At(Pl)(Sw) 735-0/13 he sl	76523814 Sb(Lt) 812-0/4 st he	93148197 PlSx(Bl) 111-18/18 GL96	
445 LtSb 623-0/7 he sl	3969024 SwSb 830-0/13 st he	10609051/L SbSw(Pl) 625-0/9 st he GJ04	47079684/L Sw(Pl)(Sb) 733-0/9 he sl GJ06	77445099 Pl 737-0/12 he	93235496 SwPl 836-0/12 he	
448 SwSb(Lt)Pl(AcAt) 636-0/15 st he	4056625 SwSb(Pl) 835-0/10 he sl	10855615 PlSw 835-0/16 st he	47606020/L Pl 627-0/10 he GJ07	77470058/L Pl 625-0/12 he GJ05	○ 34 94674783 AcbAt(Sx) 433-0/23	
490 SwAt(AcPl) 522-0/12 es sl he	○ 57 4319585 Pl 111-12/12 GL08	10925417 Pl 211-18/18 GL89	47607114/L SwPl 835-0/11 st he GJ07	78569832/L Pl 623-0/12 he GJ04	94746416 SwSb(Pl) 835-0/10 st he	
○ 4 503 Pl 211-4/4 GL76	4825917 PlSw 825-0/11 st he	10939220/L SbSw(Pl)(SbAt) 843-0/14 he sl GJ05	47999309/L PlSb 624-0/12 st he GJ06	78604689 SwPl(Sb) 636-0/11 he sl	94836332 Pl(Sw) 836-0/13 st he	
599 AcAt 539-0/16	○ 57 5066647 Pl 111-12/12 GL08	10959563/L Sw(Pl) 834-0/11 st GJ03	○ 11 48305291 PlSxAc 111-18/18 GL11	○ 53 80495107 SxPl(At) 844-0/12	94987585 SxAtPl 634-17/16 GL96	
601 At(Ac) 438-0/18 he	5826969 PlSwAt(Acb(Lt)) 210-18/18 he rz sl	11195251 PlSx 114-12/12 GL92	49353582 AcAt 428-0/16 he	○ 53 81865119 SxPl(At) 844-0/12	94997069 SwAt(Pl) 836-0/11 he sl	
603 AcSw(At) 435-0/24 st he	5869328 Pl(AtSx) 113-12/12 GL96	12315787 SwSb(Pl) 836-0/10 st he	49483898 At 528-0/12	○ 58 82093702 GB06	95655905 PlSw 835-0/15 st he	
626 AcSb) 846-0/21 st he	○ 58 6146924 Pl(SxAt) 111-14/14 GB06	12436106 SxPl(Bl) 112-15/15 GL92	50189795 At(Sb(Pl)(Sw)) 736-0/13 he	83257654 At(Sw) 426-0/9 he	97148140/L PlSb 834-0/11 st he GJ06	
675 AcSw) 320-0/17 st ize	6282945/L At(Pl) 635-0/14 he GJ05	○ 5 12484711 Pl(SAcBl) 221-16/16 GN78	50734442/L SwPl(At) 532-0/13 st he GJ05	○ 52 83424300 PlSx 111-15/15	97320260 SwPl(At(Act)) 112-12/12 GL94	
128612/L Sb(Pl) 825-0/7 he sl GJ04	6339072/L PlSw 634-0/14 st he GJ05	12886423 PlSx 114-12/12 GL92	50967234/L PlSw 625-0/10 GJ08	84575196 PlSx 110-12 GL00	○ 58 97436689 GB06	
176481 Pl(Sb) 736-0/14 st he	6459594/L Pl(At) 733-0/13 he GJ04	13186311 SxPl(Bl) 642-15/20 GL92	53376444/L Pl(At) 623-0/10 he GJ07	○ 58 85374198 GB06	97586790 SwPl(At(Act)) 834-0/12 st he	
627434 Pl(Ac) 111-15/15 GL96	○ 5 7054668 SbPl(Ac) 211-15/15 GL78	13209136 Pl 115-12/12 GL97	55579506/L Sw(Pl)(At) 835-0/12 st he GJ08	85759433 PlSx 112-12/12 GL96	○ 35 97604290 AtSx 334-0/23	
799034/L SbSw(Pl) 823-0/5 st he GJ04	○ 58 7055747 Pl(SxAt) 111-14/14 GB06	○ 58 13295994 Pl(SxAt) 111-14/14 GB06	55993593/L AcPl(SwAt) 436-0/21 he GJ06	○ 34 85814850 NSR GL96	98027343 Pl(Sb) 837-0/14 he	
858979 he rz sl	7129204/L Pl(Sw) 834-0/16 he GJ05	13457757 Pl 113-12/12 GL97	57193833/L Pl 424-0/11 st he GJ08	85846772 SwPl 835-0/9 he	98147625 SxAtPl 634-17/16 GL96	