

Contractor shall verify model accuracy in area of interest before using for any access or interference analysis		
FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
<b>Microstation Files:</b>		
<b>Astrotech Florida Operations Facility - Titusville</b>		
/fac/astrotech	Directory location of the astrotech facility	
access.dgn	Access Ladder found in Astrotech Facility	20K
asbx.dgn	ORU handler for the SFU (STS-72) Japanese NASDA GSE	120K
draincan.dgn	Metal cans used to hold drained fuel	23K
fduk.dgn	SFU Japanese NASDA fluid GSE Services	341K
fix1.dgn	Map polygons	20K
hairn_ast.dgn	Astrotech north airlock with exterior landscape	366K
hbayn_ast.dgn	Astrotech north highbay	250K
hbays_ast.dgn	Astrotech south highbay	294K
ipuk.dgn	SFU Japanese NASDA fluid GSE	150K
<b>Canister Rotation Facility</b>		
airunit.dgn	Air unit mounted to Kamag	87K
atrans.dgn	Kamag transporter	1009K
block.dgn	Crane hook with cross bar sling	218K
can.dgn	Modified canister used for CRF	1.5M
cansprts.dgn	Canister support stands	456K
crfcrane2.dgn	CRF crane	340K
crfsite.dgn	CRF environment world	192K
crfstairs.dgn	CRF Stairs	444K
crfwalls.dgn	CRF walls	117K
crotafac.dgn	Construction model of the CRF	650K
lropes.dgn	Crane ropes	33K
lropes2.dgn	Crane ropes	26K
master.dgn	Seed file of CRF	24K
mvformat.dgn	not used - format	52K
pinman.dgn	Technician	94K
plcan.dgn	Modified canister used for CRF	1.1M
plcancrf.dgn	Modified canister used for CRF	1.4M
ropes.dgn	Crane ropes	54K
ropes2.dgn	Crane ropes	50K
siding.dgn	CRF wall siding	430K
sling.dgn	Cross bar sling	88K
trunnion.dgn	Trunnion	23K
<b>Operations and Checkout Facility</b>		
/mpnt/fac/oc/fac	Directory of Operations and Checkout Facility	
1stand.dgn	Three test stands	774K
1stand_mod.dgn	Modified test stands 2 & 3	765K
access_panels.dgn	access panels on floor of highbay under test stand 4	78K
atm.dgn	West wall O&C Highbay	188K
insidetank.dgn	Inside of vacuum chamber	1.1M
mbs_rails.dgn	Rails used on test stand with "I" beam structure	231K
mbs_rails1.dgn	Rails with pedestals	36K
mbs_rails2.dgn	Rails	36K
oc_floor01.dgn	O&C floor (2D partial)	509K
oc_proc.dgn	O&C Processing Room	18K
oc_proc_rm.dgn	All of O&C processing room wall projections	54K
onc2cranes.dgn	Two O&C cranes	68K
onccable.dgn	O&C cable tray	716K
oncceiling.dgn	Ceiling of O&C Highbay	14K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
onceast.dgn	O&C Highbay East wall	20K
oncfloor.dgn	O&C Highbay floor	232K
onclights.dgn	O&C lights	15K
oncnorth.dgn	O&C Highbay North wall	50K
oncsouth.dgn	O&C Highbay South wall	59K
onctanks.dgn	Vacuum chamber tanks and surrounding structure	276K
onctest.dgn	O&C Highbay West wall	19K
ops_desk.dgn	O&C Highbay Operations desk	121K
tank_inter.dgn	Interior of vacuum chamber tanks	125K
ts2-ct.dgn	Test stands (Updated)	2.0M
<b>Orbiter Processing Facility</b>		
/fac/opf2/	Directory location of the Orbiter Processing Facility	
brg_buck.dgn	Bridge Bucket	84K
bridgea.dgn	Bridge - Two buckets hanging	408K
bridgeb.dgn	Bridge - Two buckets hanging	723K
buck_tek.dgn	Bridge Bucket	230K
buckspike.dgn	Bucket Spike - Used when access can not be reached with just bucket	106K
opfcrane.dgn	OPF Crane	2.8M
opfmezz.dgn	OPF TAIR	2.6M
opfseed.dgn	OPF Seed	56K
opfstand.dgn	OPF Shield Stands	2.4M
opfswing_all.dgn	OPF Swing Platforms	852K
opfwalls.dgn	OPF exterior walls	2.3M
spike.dgn	Spike - Used for bridge bucket or for platform 13	38K
/fac/opf2/fogle_991111/	Directory location of the Orbiter Processing Facility - Additional files	
3dorrb1a20.dgn	Orbiter model with landing gear (not complete)	1.4M
3dorrb1a36.dgn	Orbiter model (no textures) doors closed	1.4M
3dorrb1b1.dgn	Orbiter model (no textures) doors closed	1.4M
3dorrb2a36.dgn	Orbiter model (no textures) doors closed	1.4M
3dorrb2a41.dgn	Orbiter model (no textures) doors closed	1.4M
3dorrb3a41.dgn	Orbiter model (no textures) doors closed	1.4M
3dt3_.dgn	UTC - Universal Coolant Transporter / new version in real-time system	111K
3dt3_3a43.dgn	UTC - Universal Coolant Transporter / new version in real-time system	500K
3dt3c1a1.dgn	OPF 1,2,3 turn basin (study) with tow truck	150K
3dt3c1a20.dgn	OPF 1,2,3 turn basin (study) with tow truck	150K
3dt3c1a36.dgn	OPF 1,2,3 turn basin (study)	420K
3dt3c1b1.dgn	OPF 1,2,3 turn basin (study) with tow truck	148K
3dt3c1b20.dgn	OPF 1,2,3 turn basin (study) with tow truck	148K
3dt3c1b36.dgn	OPF 1,2,3 turn basin (study) with tow truck	420K
3dt3c2a41.dgn	MSV - MPLM Support Vehicle / New version in real-time system	421K
3dt3c3a41.dgn	MSV - MPLM Support Vehicle / New version in real-time system	422K
gmc_01.dgn	UCT - Tow truck / new version in real-time system	334K
gmc_02.dgn	UCT - Tow truck / new version in real-time system	334K
gmc_03.dgn	UCT - Tow truck / new version in real-time system	156K
modopf1b20.dgn	OPF 3 Mod	21K
modopf1b36.dgn	OPF 3 Mod	39K
opf1a1_1.dgn	OPF 1 Turn basin study with tow truck	22K
opf1a20_1.dgn	OPF 1 Turn basin study with tow truck	38K
opf1a36_1.dgn	OPF 1 Turn basin study with tow truck	39K
opf1b20_1.dgn	OPF 1 Turn basin study with Orbiter and tow truck	44K
opf1b36_1.dgn	OPF 1 Universal Coolant Transporter attach point to wall in Annex Building	390K
opf1b36_2.dgn	OPF 1 Universal Coolant Transporter attach point to wall in Annex Building	339K
opf1patha.dgn	OPF 1 Orbiter convoy Operations (Purge and cooling operations)	22K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
opf1pathb.dgn	OPF 1 Orbiter convoy Operations (Purge and cooling operations)	22K
opf2a41_1.dgn	OPF 2 Orbiter convoy layout	22K
opf2a41_2.dgn	OPF 2 Orbiter convoy layout	48K
opf2patha.dgn	OPF 2 Orbiter convoy Operations (Purge and cooling operations)	23K
opf3a41_1.dgn	OPF 3 Orbiter convoy layout	56K
opf3patha.dgn	OPF 3 Orbiter convoy Operations (Purge and cooling operations)	22K
opf_01.dgn	OPF 1 layout	82K
opf_01a.dgn	OPF 1 layout with PPU purge and UTC coolant tow trucks	79K
opf_01c.dgn	OPF 1 layout with MSV, PPU and UTC tow trucks	86K
opf_01f.dgn	OPF 1 layout with MSV, PPU and UTC tow trucks	21K
opf_01orb.dgn	OPF 1 layout with MSV, PPU and UTC tow trucks (wire frame path layout)	33K
opf_01x.dgn	OPF 1 layout with MSV, PPU and UTC tow trucks (wire frame path layout)	80K
opf_01y.dgn	OPF 1 layout with MSV, PPU and UTC tow trucks (wire frame path layout)	109K
opf_01z.dgn	OPF 1 layout with MSV, PPU and UTC tow trucks (wire frame path layout)	109K
opf_03.dgn	OPF 3 Orbiter convoy layout	49K
opf_p03.dgn	OPF 3 Orbiter convoy layout	43K
orbiter1.dgn	Orbiter model (not completed)	1.4M
orbiterx.dgn	Alignment of Orbiter I OPF 1,2 & 3 from convoy	18K
orbiterz.dgn	Alignment of Orbiter I OPF 1,2 & 3 from convoy	18K
orbopf1a.dgn	OPF 1 Orbiter wireframe convoy layout	39K
orbopf1b.dgn	OPF 1 Orbiter wireframe convoy layout	46K
orbopf1c.dgn	OPF 1 Orbiter wireframe convoy layout	41K
orbopf2a.dgn	OPF 2 Orbiter wireframe convoy layout	44K
orbopf2b.dgn	OPF 2 Orbiter wireframe convoy layout	45K
orbopf3a.dgn	OPF 3 Orbiter wireframe convoy layout	46K
orbopf4.dgn	Orbiter wireframe of Shuttle landing facility	126K
purge_01.dgn	OPF 1 convoy OPS - Payload Purge Unit	106K
purge_01a.dgn	OPF 1 convoy OPS - Payload Purge Unit	214K
purge_01b.dgn	OPF 1 convoy OPS - Payload Purge Unit	214K
purge_01c.dgn	OPF 1 convoy OPS - Payload Purge Unit	214K
purge_01f.dgn	OPF 1 convoy OPS - Payload Purge Unit	105K
slf_04.dgn	Orbiter wireframe of Shuttle landing facility	18K
slf_p01.dgn	OPF 3, Orbiter convoy OPS	52K
slf_p04.dgn	Orbiter wireframe of Shuttle landing facility (SLF)	55K
t_cab_01.dgn	Orbiter, convoy with PPU and UCT	151K
t_cab_01b.dgn	Orbiter, convoy with PPU and UCT	420K
t_cab_01c.dgn	Orbiter, convoy with PPU and UCT	420K
t_cab_01f.dgn	Orbiter, convoy with PPU and UCT	422K
t_cab_02.dgn	Orbiter, convoy with PPU and UCT	420K
t_cab_02b.dgn	Orbiter, convoy with PPU and UCT	148K
t_cab_02c.dgn	Orbiter, convoy with PPU and UCT	148K
t_cab_02f.dgn	Orbiter, convoy with PPU and UCT	426K
t_cab_03.dgn	Orbiter, convoy with PPU and UCT	420K
t_cab_03b.dgn	Orbiter, convoy with PPU and UCT	424K
t_cab_03c.dgn	Orbiter, convoy with PPU and UCT	424K
t_cab_03f.dgn	Orbiter, convoy with PPU and UCT	426K
tb2opf1c.dgn	OPF 1 convoy wireframes layout	24K
tk2opf1c.dgn	OPF 1 convoy wireframes layout	24K
tr1opf1c.dgn	OPF 1 convoy wireframes layout in convoy	31K
tr3opf1c.dgn	Orbiter wireframe layout	104K
trkopf1c.dgn	OPU & UCT convoy wireframe layout	28K
truck_01.dgn	Payload Purge Unit / new version in real-time system	214K
truck_01a.dgn	Payload Purge Unit / new version in real-time system	158K
truckpurga.dgn	Alignment of Purge & coolant trucks in OPF 1	356K
truckpurgb.dgn	Alignment of Purge & coolant trucks in OPF 2	357K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
truckpurgc.dgn	Alignment of Purge & coolant trucks in OPF 3	360K
truckpurge.dgn	Alignment of Purge & coolant trucks in OPF 4	356K
truckpurgf.dgn	OPF 1 PPU & UCT	198K
truk_ecs.dgn	OPF 1 PPU & UCT	268K
truk_ecsb.dgn	OPF 1 PPU & UCT	397K
truk_ecsc.dgn	OPF 1 PPU & UCT	398K
truk_ecsf.dgn	OPF 1 PPU & UCT	398K
trukcool.dgn	Universal Coolant Transporter (UCT) / new version in real-time system	327K
vu_opf_01a.dgn	OPF 1 convoy	18K
<b>Launch Complex 39</b>		
/fac/pad39/	Directory location of the Launch Complex 39	
beamprch.dgn	Platform	124K
blstshld.dgn	Blast Shields	665K
deluge.dgn	Pat water deluge system	1.4M
et.dgn	Space Shuttle External Tank	55K
fss.dgn	Foxed servo stricture	1.8M
gvarm.dgn	ET gas vent arm	804K
hdpost.dgn	Hold down posts	2.0M
iaa.dgn	Intertank access arm	2.3M
mlp.dgn	Mobile launch platform main structure	595K
mlpdeck.dgn	Mobile launch platform deck details	1.2M
oaa.dgn	Orbiter access arm	84K
orb_wire.dgn	Orbiter model (wireframe)	674K
orbiter.dgn	Orbiter model	4.7M
owp.dgn	Orbiter wing platform	1016K
rss.dgn	Rotating Service Structure	132K
tsmcp.dgn	T-0 Service Mechanism	232K
/fac/pad39/nested	Directory location of the pad 39	<1K
lc39a.dgn	seed file of Launch Complex 39A	786K
<b>Multi-Payload Processing Facility</b>		
/elv/fac/mppf	Directory of the Multi-Payload Processing Facility	
acvent.dgn	AC vent on roof	20K
comm_pnl.dgn	Communication panel envelopes used for mapping	3.0M
filter_bank.dgn	Filter used for payloads	30K
mppf.dgn	MPPF facility seed file	3.2M
mppf_add.dgn	MPPF additions	662K
mppf_allb.dgn	MPPF additions	3.0M
mppf_ct.dgn	MPPF cable trays	3.1M
mppfcrane.dgn	MPPF crane	2.9M
tent.dgn	Tent used for payloads	26K
<b>Payload Changeout Room</b>		
/fac/pcr/cpy	Directory of Payload Changeout Room files	
cap_pcr.dgn	Clean access platform fully extended, PCR floor level, 80K51952, 80K51956	74K
fgp_pcr.dgn	Extensible planks, fixed stand finger platforms, 79K06519	172K
fit_pcr.dgn	Payload support fittings PGHM, 79K24774	192K
tel_pcr.dgn	Telescoping platforms, PGHM retractable platforms, 79K08704, 79K19203	83K
/fac/pcr/lmk	Directory of Payload Changeout Room files	
armdep.dgn	Rotational Maneuvering System in the deployed position	78K
crosshd.dgn	Upper & lower crosshead assembly, 79K24302, 79K24303	148K
fingerso.dgn	Extensible planks, fixed stand finger platforms, 79K06519	168K
flbeam.dgn	Strongback assembly, PGHM, 79K24774	280K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
handrail.dgn	PGHM handrails and stairs, 79K22704	162K
orbplb.dgn	Orbiter payload bay	45K
pcrwalls.dgn	Payload Changeout Room , 79K04400	367K
pghmbrdg.dgn	Payload Ground Handling Mechanism Bridge	280K
sprrt.dgn	Strongback assembly, Strongback & payload support beams, 79K24774	82K
sprrto.dgn	Strongback assembly, Strongback & payload support beams, 79K24774	82K
stand.dgn	Fixed stands in PCR, 79K06519	100K
stem.dgn	Stem assembly PGHM, 79K22704, 79K22705	978K
sup_sto.dgn	Cap Strongback support, 80K51954	286K
support.dgn	Clean access platform, 80K51952, 80K51954	337K
/fac/pcr/pada	Directory of Payload Changeout Room files	
pcr_2ton_crane.dgn	Payload Changeout Room 2ton Crane (2 cranes)	520K
pcr_airlock.dgn	Payload Changeout Room Airlock, 79K04400	24K
pcr_egswing.dgn	Payload Changeout Room Egress Wing Platforms, 79K24512	1.6M
pcr_gnd_hdw.dgn	Payload Changeout Room additional Ground Hardware (PGHM Ladder, wiretrays, retractable wheels)	899K
pcr_log.dgn	Payload Changeout Room Equipment Storage Room & Elevator	934K
pcr_pghm_cen.dgn	Payload Ground Handling Mechanism Hook Instrumentation Panels	912K
pcr_pghm_tracks.dgn	PGHM Tracks	112K
pcr_pghm_walls.dgn	PGHM Walls (For reference only when texture is applied)	886K
pcr_surcam.dgn	Universal Surveillance Camera	923K
/fac/pcr/plat	Directory of Payload Changeout Room files	
cap_sto.dgn	Clean access platform, retracted, 80K51952	71K
dewplat.dgn	Platform, access in PCR	52K
gro_lad.dgn	ladder and platform, access in PCR	45K
gro_spa.dgn	ladder and platform, access in PCR	52K
iuscsp.dgn	IUS centering spring access platform, 79K24380	54K
jplat.dgn	Access platform, PGHM, 79K22331	65K
ladder.dgn	GRO ladder, 79K19203	77K
pamd.dgn	PAM d-2 PGHM access platform, 80K50497	112K
plsb_sd.dgn	Platform, orbiter access in PCR	292K
plsb_v89.dgn	Fixed & Adjustable Platforms, PCR	288K
plsb_v99.dgn	Fixed & Adjustable Platforms, PCR	288K
ppp.dgn	Payload perimeter platform, 80K54106	74K
ssusd.dgn	Side access platform PGHM, 79K22659	67K
tel_side.dgn	Removable bolted platforms, 79K19203	38K
vafb089.dgn	Vandenburg platform 089	66K
vafb099.dgn	Vandenburg platform 099	62K
/fac/pcr/seed	Directory of Payload Changeout Room files	
paylorb.dgn	Orbiter Payload Bay- Orbiter Access in PCR	22K
paylorb_pada.dgn	Orbiter Payload Bay- Orbiter Access in PAD A	107K
paylpcr.dgn	Payload Access in PCR	42K
points.dgn	Obsolete file	17K
/fac/pcr/rts	Directory of Payload Changeout Room files	
rts_5tcrane.dgn	5 Ton Crane (primarily used in PCR)	138K
rts_cap_pcr.dgn	Clean Access Platform in PCR level 0- Fully extended	572K
rts_cap_sto.dgn	Clean Access Platform in PCR level 0- Stowed	71K
rts_crosshd.dgn	Upper & lower crosshead assembly, 79K24302, 79K24303	298K
rts_fingers.dgn	Extensible planks, fixed stand finger platforms, 79K06519	311K
rts_fit_pri.dgn	Primary Payload Support Fittings	718K
rts_fit_sec.dgn	Secondary Payload Support Fittings	718K
rts_flbeam.dgn	Strongback assembly, PGHM, 79K24774	816K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
rts_handrail.dgn	PGHM handrails and stairs, 79K22704	761K
rts_jplat.dgn	Access Platform , PGHM- Trunnion Access in PCR 79K22331	109K
rts_mplm_seed.dgn	MPLM seed file	796K
rts_pcr_seed.dgn	PCR Seed file	758K
rts_pcrwalls.dgn	Payload Changeout Room Walls 79k04400	854K
rts_pghmbrdg.dgn	Payload Ground Handling Mechanism Bridge	322K
rts_plap.dgn	PCR Late Access Kit	492K
rts_plapmono.dgn	PCR Late Access Kit (configured)	1.8M
rts_ppp.dgn	Payload perimeter platform, 80K54106	236K
rts_sprto.dgn	CAP Support Beam- Stowed	784K
rts_ssusd.dgn	Side Access Platform, PGHM, 79K22659	112K
rts_stand.dgn	Fixed Stands in PCR	134K
rts_stem.dgn	STEM Assembly, PGHM	727K
rts_sup_cap.dgn	CAP Strongback Support	242K
rts_sup_sto.dgn	CAP Strongback Support- Stowed	238K
rts_teleplat.dgn	Telescopic Platforms- PCR	238K
rts_vafb089.dgn	Vandenburg platform 089	111K
rts_vafb099.dgn	Vandenburg platform 099	130K
rts_y_adjust.dgn	Fixed Platform Support Structure-PCR	496K
<b>Payload Hazardous Servicing Building</b>		
/elv/fac/phsf	Directory of the Payload Hazardous Servicing Building	
al_crane_0.dgn	PHSF airlock crane	85K
hb_crane_e.dgn	PHSF Hi Bay east end crane	234K
hb_crane_w.dgn	PHSF Hi Bay west end crane	142K
nest.dgn	PHSF seed file	56K
phsf_crane.dgn	All three cranes as one cad model	906K
phsf_doors.dgn	Doors to Hi bay and airlock	374K
phsf_walls.dgn	PHSF walls	400K
phsfint0.dgn	PHSF interior	266K
phsfint_test.dgn	remove	358K
<b>Spacecraft Assembly and Encapsulation Facility #2</b>		
/elv/fac/saef2	Directory of the Spacecraft Assembly and Encapsulation Facility #2	
airlock01.dgn	SAEF2 airlock	682K
conroom.dgn	control room walls	37K
hb01.dgn	SAEF2 High bay	220K
<b>Space Station Processing Facility</b>		
/fac/sspf	Directory of the Space Station Processing Facility	
1stfl2d.dgn	2d floor plan of 1st floor Hi bay and surrounding offices. 2d Microstation file	444K
1stfl3d.dgn	2d floor plan of 1st floor Hi bay and surrounding offices. 3d Microstation file	521K
bridge15.dgn	bridge for 15 ton crane in SSPF	301K
bridge30.dgn	bridge for 30 ton crane in SSPF	227K
crane_env.dgn	crane envelope study	273K
fence.dgn	nested files	88K
fence_a.dgn	simple fence	42K
hbaye.dgn	East wall of SSPF Hi bay	78K
hbayn.dgn	North wall of SSPF Hi bay	536K
hbayn_b.dgn	North wall of SSPF Hi bay partially broken	377K
hbays.dgn	South wall of SSPF Hi bay	205K
hbays_b.dgn	South wall of SSPF Hi bay partially broken	253K
hbayw.dgn	West wall of SSPF Hi bay	38K
hbclg.dgn	Ceiling of SSPF Hi bay	44K
hbfloor.dgn	Floor of SSPF Hi bay	32K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
hcrane1.dgn	Ceiling of SSPF Hi bay	248K
hook15.dgn	15 ton hook for SSPF Hi bay	84K
hook30t.dgn	30 ton hook SSPF Hi bay	94K
ibayc1g.dgn	Ceiling of SSPF Intermediate bay	28K
ibaye.dgn	East wall of SSPF Intermediate bay	368K
ibayn.dgn	North wall of SSPF Intermediate bay	264K
ibays.dgn	South wall of SSPF Intermediate bay	60K
ibayw.dgn	West wall of SSPF Intermediate bay	21K
rack.dgn	fixed racks in SSPF Hi bay	360K
rm1092.dgn	Rack processing room 1092	148K
rm1489.dgn	Rack processing room 1489	156K
rm1489_2d.dgn	Rack processing room 1489 in 2D	22K
temp.dgn	junk	22K
trolley15.dgn	15 ton trolley	112K
trolley30.dgn	30 ton trolley	86K
usiqguts.dgn	internal parts of US ISPR Checkout Unit 82K04135	1.4M
uziq.dgn	Outdated model of 82K06212	4.0M
uziq1.dgn	Latest model of US ISPR Checkout Unit 82K04135	5.0M
/fac/sspf/nested	Directory of the Space Station Processing Facility	
airlock.dgn	junk	20K
hbay.dgn	junk	63K
/fac/sspf/procrm	Directory of the Space Station Processing Facility	
rm1037.dgn	rack processing room 1037	1012K
rm1037_p.dgn	equipment in rack processing room 1037	2.4M
rm1061.dgn	rack processing room 1061	1.1M
rm1061p.dgn	equipment in rack processing room 1061	4.3M
rm1489.dgn	rack processing room 1489	337K
rm1489p.dgn	equipment in rack processing room 1489	3.0M
/sud/sspf/2d	Directory of the Space Station Processing Facility used for Multiflow	
1stfl2d.dgn	Modified SSPF model used for Multiflow	768K
1stfl3d.dgn	Modified SSPF model used for Multiflow	1.1M
1stfl3dv.dgn	Modified SSPF model used for Multiflow (not used)	1.2M
hbfl_st.dgn	Modified SSPF model used for Multiflow	224K
hbfl_stv.dgn	Modified SSPF model used for Multiflow (not used)	501K
ts_seed2d.dgn	Modified SSPF model used for Multiflow	12K
/sud/sspf/3d	Directory of the Space Station Processing Facility used for Multiflow	
tstemp.dgn	Modified SSPF model used for Multiflow	17K
uziq_2d.dgn	Modified SSPF model used for Multiflow	254K
vc_30x70.dgn	Modified SSPF model used for Multiflow (not used)	618K
fix.dgn	Modified SSPF model used for Multiflow	50K
hbaye.dgn	Modified SSPF model used for Multiflow	69K
hbayn_b.dgn	Modified SSPF model used for Multiflow	376K
hbays_b.dgn	Modified SSPF model used for Multiflow	250K
hbayw.dgn	Modified SSPF model used for Multiflow	37K
hbfl_st.dgn	Modified SSPF model used for Multiflow	224K
hbffloor.dgn	Modified SSPF model used for Multiflow	224K
ibayc_b.dgn	Modified SSPF model used for Multiflow	12K
ibaye.dgn	Modified SSPF model used for Multiflow	364K
ibayn.dgn	Modified SSPF model used for Multiflow	254K
ibayw.dgn	Modified SSPF model used for Multiflow	16K
lpiis.dgn	Modified SSPF model used for Multiflow	304K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
quan_a.dgn	Modified SSPF model used for Multiflow	16K
quan_b.dgn	Modified SSPF model used for Multiflow	16K
quan_c.dgn	Modified SSPF model used for Multiflow	162K
ts_seed3d.dgn	Modified SSPF model used for Multiflow	82K
usicu_i.dgn	Modified SSPF model used for Multiflow	170K
uziq.dgn	Modified SSPF model used for Multiflow	4.7M
uziq1.dgn	Modified SSPF model used for Multiflow	5.0M
<b>Vehicle Assemble Building</b>		
/fac/vab	Directory of the Vehicle Assembly Building	
SolidLBE.dgn	Partial 3d file of building	3.3M
lowbay_e.dgn	Partial 3d file of building	200K
lowbay_w.dgn	Partial 3d file of building	182K
mlp.dgn	Mobile Launch Platform -exterior only - 3d file	1.2M
mlpdeck.dgn	Mobile Launch Platform -details on deck - 3d file	1.2M
vab.dgn	VAB facility exterior shell -3d file	416K
vab_flag.dgn	VAB flag located on the exterior of the building - 3d file	76K
vab_hb3.dgn	VAB High Bay3 structural steel column lines - 3d file	473K
vaborig.dgn	VAB complete facility structural	26M
<b>Vapor Containment Facility (VCF)</b>		
/fac/vcf	Directory of the Vapor Containment Facility	
vcf_plan.dgn	Plan view - 2d	408K
<b>Vertical Processing Facility (VPF)</b>		
/fac/vpf/building	Directory of the Vertical Processing Facility	
vpf2dfp.dgn	Plan of the VPF -2d reference file w/canister & crane limits, with file format	502K
vpfclr.dgn	VPF Airlock-clearance study of crane booms in the VPF - 3d file	268K
vpfecsd.dgn	Environmental Control System for the exterior of the facility-3d file, (Ductwork for north wall)	167K
vpfplan.dgn	Plan of the VPF -2d reference file, with file format	362K
/fac/vpf/cpy	Directory of the Vertical Processing Facility	
vjh_vpf.dgn	J-Hooks, Trunnion Support Fixtures - 3d file	316K
vpb_vpf.dgn	Elevating platforms and retractables- bottom platform -3d file	100K
vpm_vpf.dgn	Elevating platforms and retractables- middle platform -3d file	100K
vpt_vpf.dgn	Elevating platforms and retractables- top platform -3d file	102K
vre_vpf.dgn	VPHD Retractable platforms - 3d file	22K
/fac/vpf/gse	Directory of the Vertical Processing Facility	
sipext.dgn	SIP/SMCH Support and panel support assembly SMCH/SIP interface - 3d file	68K
/fac/vpf/lmk	Directory of the Vertical Processing Facility	
10_ton_crane.dgn	VPF airlock monorail crane - 3d file	143K
12_ton_crane.dgn	VPF Highbay 12 Ton crane - 3d file	443K
25_ton_crane.dgn	VPF Highbay 25 Ton crane - 3d file	416K
vpfairlk.dgn	VPF Airlock w/monorail and service booms(2) - 3d file	583K
vpfcols.dgn	VPF Test cell vertical columns w/extendable side platforms at level 1 thru 6 - 3d file	237K
vpfgrat.dgn	Grating for workstand in the VPF for east and west test cells, level 1 thru 6 -3d file	1.1M
vpfhdris.dgn	Handrails for workstand in the VPF for east and west test cells, level 1 thru 6 -3d file	1002K
vpfhibay.dgn	Vertical Processing Facility High Bay, 3d w/floor, walls, ceiling, exterior columns and crane rails.	325K
vpfpipe.dgn	Firex pipes for workstand in the VPF for east and west test cells, level 1 thru 6 -3d file	423K
vpfsip.dgn	SMCH Cable Tray standard interface panel support - 3d file	164K
vpfstair.dgn	Stairs for workstand in the VPF for east and west test cells, level 1 thru 7 -3d file	204K
vpfstruc.dgn	Horizontal Fixed workstand in the VPF for east and west test cells, level 1 thru 6 -3d file	550K
vpht.dgn	Vertical Processing Handling Device in the VPF. Complete assembly - 3d file	1.4M



FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
/fac/vpf/plat	Directory of the Vertical Processing Facility	
scaf1.dgn	Scaffolding layout - 3d file	23K
scaf2.dgn	Scaffolding layout - 3d file	22K
scaf3.dgn	Scaffolding layout - 3d file	24K
scaf4.dgn	Scaffolding layout - 3d file	43K
vpfacupl.dgn	Acupplco Platform - 3d file	40K
vpfroeu.dgn	ROEU Platform - 3d file	52K
vpfstep.dgn	Portable steps on wheels - 3d file	166K
/fac/vpf/seeds	Directory of the Vertical Processing Facility	
nrl_seed.dgn	Partial Assembly of the VPF w/the west test cell VPHD shown - 3d file	1.6M
paylvpf.dgn	Empty file used for creating studies - 3d file	22K
points.dgn	Empty file used for creating studies - 3d file	17K
seed_temp.dgn	Empty file used for creating studies - 3d file	30K
seed_wpayh.dgn	Seed file used for creating studies w/facility already referenced in - 3d file	22K
/fac/vpf/translation	Directory of the Vertical Processing Facility	
3d_2dfvpf.dgn	Plan of the VPF -2d reference file w/canister, crane limits & airlock crane with file format - 3d file	594K
3dvpd.dgn	Plan of the VPF -2d reference file w/canister, crane limits & airlock crane - 3d file	442K
<b>Flight Hardware</b>		
/mpnt/flt/	Models located in the FLT (Flight Hardware) directory	
/mpnt/flt/iss/	Models located in the ISS (International Space Station) directory	
flt_org.dgn		14K
/mpnt/flt/iss/airl	Models located in the AIRL (Airlock) directory	
air_shell.dgn		451K
air_guts.dgn		62K
air_cutawy.dgn		378K
airlock01.dgn		786K
air_racks.dgn		252K
al.dgn		356K
comb/airlock2.dgn	Combined file of the Airlock	780K
nest/airlock.dgn	Nested file of the Airlock	14K
/mpnt/flt/iss/ams	Models located in the AMS (Anti-Matter Spectrometer) directory	
ams.dgn		62K
apm_logo.dgn		14K
nest/apm_all.dgn		18K
comb/apm_all.dgn		658K
/mpnt/flt/iss/cbc	Models located in the CBC (Cross Bay Carrier) directory	
cbc_tbd.dgn		374K
/mpnt/flt/iss/cent	Models located in the CENT (Centifuge) directory	
u7a_cent.dgn	Mission UF7	729K
nest/cent.dgn	Nested file of the CAM (Centrifuge Accommodation Module)	15K
/mpnt/flt/iss/cub	Models located in the CUP (Cupola) directory OLD FILES	
cupola.dgn		65K
cup_slp.dgn		692K
nest/cup_slp.dgn	Nested file of the Cupola on the SLP (Space Station Logistic Module)	13K
/mpnt/flt/iss/cubola	Models located in the Cupola directory	
cup_sling.dgn		159K
cup_onorbit.dgn		20K
seed3d.dgn		12K
gpa_ring.dgn		22K
cup_trans.dgn		306K
cupola.dgn		3.4M
cup_slp.dgn		638K
comb/cupslp.dgn	Combined file of the Cupola on the SLP (Space Station Logistic Module)	2.0M
nest/cupslp.dgn	Nested file of the Cupola on the SLP (Space Station Logistic Module)	24K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
/mpnt/flt/iss/hab	Models located in the HAB (Habitation Module) directory	
hab_shell.dgn		921K
picnic.dgn		20K
hab_int.dgn		1.8M
nest/hab_all.dgn	Nested file of the Habitation Module	18K
nest/16a_hab.dgn	Mission 16A Habitation configuration	15K
/mpnt/flt/iss/icc	Models located in the ICC (Integrated Cargo Carrier) directory	
esp.dgn		50K
ucp.dgn		180K
kya.dgn		38K
pfcs.dgn		70K
eas.dgn		28K
dcsu.dgn		15K
ucp_iges.dgn		2.1M
icc_hand.dgn		136K
icc_view.dgn		14K
pdgf_umb.dgn		357K
kya_iges.dgn		5.0M
nest/n_icc.dgn	Nested file of the ICC	14K
nest/05a1_icc.dgn	Mission 05A.1 ICC configuration	16K
/mpnt/flt/iss/icm	Models located in the ICM (Interim Control Module) directory	
icm_can.dgn		62K
icm_panels.dgn		84K
icm_int_structure.dgn		8.8M
airpal.dgn		148K
thrust.dgn		112K
icm_can_inter.dgn		4.2M
paltform2.dgn		180K
vpfecs.dgn		161K
icm_structure1.dgn		18K
thrust2.dgn		61K
newiap.dgn		180K
pgf.dgn		34K
fwd_apas.dgn		56K
aft_apas.dgn		58K
pickboard.dgn		110K
icm_tanks.dgn		116K
fwd_apas_assy1.dgn		18K
aft_apas_assy1.dgn		16K
icm_aft_trun.dgn		42K
icm_can_sup.dgn		96K
fwd_apas_assy2.dgn		54K
aft_apas_assy2.dgn		54K
icm_gse/iap.dgn		108K
icm_gse/ucf_file.dgn		16K
icm_gse/icm_platform.dgn		16K
icm_gse/icm_dolly.dgn		1.2M
icm_gse/icm_can_ap.dgn		28K
icm_gse/hoist_igs.dgn		2.7M
icm_gse/icmplat2.dgn		321K
icm_gse/hoist_par.dgn		4.1M
icm_gse/iap_step_test.dgn		718K
nest/icm.dgn	Nested file of the ICM	3.4M
/mpnt/flt/iss/lab	Models located in the LAB (Laboratory Module) directory	
lca.dgn		3.9M
lab_shell.dgn		920K
lab_int.dgn		1.8M
lab_old.dgn		730K
wif_lab.dgn		997K
nest/lab_all_wif.dgn	Nested file of the LAB and the WIF Sockets	21K
nest/lab_all.dgn	Nested file of the LAB	20K
nest/lab_all_temp.dgn	Nested file of the LAB	19K
nest/lab_all_wif1.dgn	Nested file of the LAB and the WIF Sockets	64K
nest/lab_all_wif_pcr.dgn	Nested file of the LAB and the WIF Sockets configured for the PCR (Payload Changeout Room)	22K
nest/05a_lab.dgn	Nested file of the LAB configured for mission 05A	16K
nest/lab_pcr.dgn	Nested file of the LAB configured for the PCR (Payload Changeout Room)	20K
nest/05a_meit_tc2.dgn	Nested file of the LAB for MEIT (Multi Element Integration Test) Test Configuration 2	11K
comb/lab_all_wif.dgn	Combined file of the LAB and the WIF Sockets	1.2M

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
comb/lab_all_wif_pcr.dgn	Combined file of the LAB and the WIF Sockets configured for the PCR (Payload Changeout Room)	1.2M
comb/lab_pcr.dgn	Combined file of the LAB configured for the PCR (Payload Changeout Room)	1.0M
/mpnt/ft/iss/lmc	Models located in the LMC (Lightweight MPES Carrier) directory	
lmc01.dgn		420K
nest/lmc_10cews.dgn	Nested file of the LMC in a 10 foot CEWS (Cargo Element Work Stand)	40K
nest/lmc_15cews.dgn	Nested file of the LMC in a 15 foot CEWS (Cargo Element Work Stand)	40K
comb/lmc_cew15.dgn	Combined file of the LMC in a 10 foot CEWS (Cargo Element Work Stand)	1.9M
comb/lmc_cew10.dgn	Combined file of the LMC in a 15 foot CEWS (Cargo Element Work Stand)	1.2M
/mpnt/ft/iss/mbs	Models located in the MBS (Mobile Base System) directory	
mbs.dgn		2.3M
mbs99.dgn		1.1M
/mpnt/ft/iss/mplm	Models located in the MPLM (Multi Purpose Logistic Module) directory	
mplmhcut.dgn		1.2M
mplmvcut.dgn		1.2M
mplm_int.dgn		248K
mplm_shell.dgn		89K
96_hatch.dgn		18K
press_mod.dgn		174K
mms_aft.dgn		30K
paflor.dgn		60K
comb/mplm_ext.dgn	Combined file of the MPLM exterior	682K
comb/mplm_pcr.dgn	Combined file of the MPLM configured for the PCR	703K
comb/mplm_z.dgn	Combined file of the MPLM special configured	682K
/mpnt/ft/iss/nasda	Models located in the NASDA ( National Space Development Agency of Japan ) directory	
/mpnt/ft/iss/nasda/jem_es	Models located in the ELM_ES (Experimental Logistics Module - Electrical System) directory	
jem_es_base.dgn		38K
es_tower.dgn		14K
nest/jem_es.dgn	Nested file of the JEM-ES	16K
/mpnt/ft/iss/nasda/jem_pm	Models located in the JEM_PM (Japanese Experimental Module - Pressurized Module) directory	
jem_shell.dgn		2.7M
jem_arm.dgn		2.0M
jem_pm.dgn		5.4M
jem_rms.dgn		273K
jem_shield.dgn		2.2M
comb/pm_pcr.dgn		1.9M
comb/n_jem_pm.dgn		1.9M
nest/pm_pcr.dgn	Nested file of the JEM-PM in PCR configuration	2.0M
nest/n_jem_pm.dgn	Nested file of the JEM-PM	2.0M
nest/n_pm_cews.dgn	Nested file of the JEM-PM configured in CEWS	2.0M
/mpnt/ft/iss/nasda/elm_ps	Models located in the ELM_PS (Pressurized Section) directory	
elm_shell.dgn		946K
jem_ps.dgn		1.0M
elm_deck.dgn		19K
elm_shield.dgn		98K
comb/ps_pcr.dgn	Combined file of the ELM-PS configured in the PCR	1.1M
comb/n_elm_ps.dgn	Combined file of the ELM-PS	1.1M
nest/ps_pcr.dgn	Nested file of the ELM-PS configured in the PCR	14K
nest/n_elm_ps.dgn	Nested file of the ELM-PS	16K
nest/n_ps_cews.dgn	Nested file of the ELM-PS in a CEWS	16K
/mpnt/ft/iss/nasda/jem_efa	Models located in the JEM_EFA (Experimental Logistics Module - Exposed Facility) directory	
jem_oru_ant.dgn		42K
jem_oru_exp.dgn		16K
jem_efa_base.dgn		66K
jsc1/jem_es.dgn	Nested file of the ELM-ES	17M
nest/jem_ef.dgn	Nested file of the ELM-EF	13K
nest/ef_oru_ant.dgn	Nested file of the ORU Antenna	12K
nest/ef_oru_exp.dgn	Nested file of the ORU Experiment	12K
/mpnt/ft/iss/node	Models located in the NODE (Node 1) directory	
node1_shel.dgn		1.4M
lite_ad.dgn		43K
node_lp.dgn		670K
pma1_lp.dgn		124K
pma2_lp.dgn		110K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
nested/02a_pnp_l.dgn	Nested file of the PMA / Node / PMA for mission 02A	20K
nested/02a_node_pcr.dgn	Nested file of the PMA / Node / PMA	20K
nested/02a_node.dgn	Nested file of the Node	20K
nested/02a_node_all.dgn	Nested file of the Node	20K
nested/02a_pnp_r.dgn	Nested file of the PMA / Node / PMA for mission 02A	20K
nested/02a_n_i.dgn	Nested file of the Node interior	21K
nested/02a_pn_r.dgn	Nested file of the PMA / Node for mission 02A	18K
/mpnt/ft/iss/node2	Models located in the NODE (Node 2) directory	
n2_shell.dgn		234K
node2.dgn		556K
n2_shield.dgn		335K
nest/n_node2.dgn	Nested file of the Node2	28K
nest/mod_node2.dgn	Modified Nested file of the Node2	102K
nest/n_n2_whole.dgn	Nested file of the Node2	36K
/mpnt/ft/iss/node3	Models located in the NODE (Node 3) directory	
n3_shell.dgn		644K
node3.dgn		556K
n3_shield.dgn		335K
nest/n_node3.dgn	Nested file of the Node3	26K
/mpnt/ft/iss/nta	Models located in the NTA (Nitrogen Tank Assembly) directory	
nta.dgn		16K
/mpnt/ft/iss/ods	Models located in the ODS (Orbiter Docking System) directory	
ods.dgn		354K
tunhoc.dgn		21K
russods.dgn		346K
halfods.dgn		414K
nested/ods_pcr.dgn		40K
/mpnt/ft/iss/pallets	Models located in the Pallets directory	
/mpnt/ft/iss/pallets/express	Models located in the Express Pallets directory	
expss_trun.dgn		70K
express110900.dgn		29M
express.dgn		114K
expresspallet.dgn		32M
express110900_right.dgn		71K
/mpnt/ft/iss/pallets/double_pal	Models located in the Double Pallet directory	
air_2slp.dgn		819K
hpgtank.dgn		130K
/mpnt/ft/iss/pma	Models located in the PMA (Pressurized Mating Adapter) directory	
p3_slp.dgn		766K
03a_p3_h.dgn		126K
pma_int.dgn		70K
pma_ext.dgn		182K
02a_pma2.dgn		98K
nest/pma3_cart_h.dgn		24K
nest/03a_p3_h.dgn	Nested file of the PMA3 for mission 03A	17K
nest/02a_p2_h.dgn	Nested file of the PMA2 for mission 02A	13K
nest/02a_p1_h.dgn	Nested file of the PMA1 for mission 02A	12K
nest/02a_pi2_h.dgn	Nested file of the PMA2 interior	12K
nest/02a_pi1_h.dgn	Nested file of the PMA1 interior	15K
nest/02a_pi2_v.dgn	Nested file of the PMA2 interior	16K
nest/02a_pi1_v.dgn	Nested file of the PMA1 interior	16K
nest/pma3_pcr.dgn	Nested file of the PMA3 in the PCR	18K
nest/03a_p3_v.dgn	Nested file of the PMA3	18K
nest/02a_p2_v.dgn	Nested file of the PMA2	20K
nest/02a_p1_v.dgn	Nested file of the PMA1	12K
nest/03a_slp.dgn	Nested file of the SLP used for the PMA3	24K
nest/03a_p3_z1.dgn	Nested file of mission 03A in launch Configuration	800K
nest/p3_on_slp.dgn	Nested file of the PMA3 on SLP	16K
/mpnt/ft/iss/prails	Models located in the PRAILS (Port Rails) directory	
port_rails.dgn		14K
prails_ulc.dgn		28K
prails_slp.dgn		62K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
/mpnt/flt/iss/prop_mod	Models located in the PROP_MOD (Propulsion Module) directory	
mid1.dgn		598K
origin.dgn		5.5K
mid2.dgn		666K
apas.dgn		70K
acs.dgn		286K
rcs.dgn		68K
fwd.dgn		48K
mod1b.dgn		373K
mod3b.dgn		119K
junk2.dgn		12K
tank2.dgn		12K
mod3c.dgn		2.9M
tank1.dgn		12K
acs_deply.dgn		286K
mod1a.dgn		1.2M
mod3a.dgn		41K
mod2a.dgn		26K
mid1a.dgn		248K
junk.dgn		12K
servicepanels.dgn		32K
nest/pmll.dgn	Nested file of the Propulsion Module	22K
nest/prop_deply.dgn	Nested file of the Propulsion Module in space	21K
/mpnt/flt/iss/racks	Models located in the RACKS (Flight Racks) directory	
rsp.dgn		149K
softpack4.dgn		369K
softpack3.dgn		34K
drawer2.dgn		28K
ssrack.dgn		38b
softpack2.dgn		30K
softpack1.dgn		18K
drawer1.dgn		43K
fh_rack2.dgn		91K
fh_rack1.dgn		95K
fh_rk1_drw.dgn		52K
nest/n_rspit.dgn	Nested file of a Flight Rack on the Tilt Table	34K
nest/n_rack.dgn	Nested file of a Flight Rack	15K
/mpnt/flt/iss/rd	Models located in the RD (Rocketdyne) directory	
iea.dgn		749K
bat_2.dgn		59K
rad_sc.dgn		520K
pv.dgn		33K
bat_1.dgn		59K
radi_pv.dgn		25K
radi.dgn		31K
trun_p6t.dgn		20K
url.dgn		68K
trun_p6p.dgn		18K
trun_iea.dgn		68K
/mpnt/flt/iss/spdm	Models located in the SPDM (Special Purpose Dexterous Manipulator ) directory	
saph_fse.dgn		128K
spdm_arm02.dgn		603K
sapharm_fsep.dgn		284K
spdm_slp.dgn		252K
spdm_arm01.dgn		124K
sapharm_fses.dgn		285K
slp_emp.dgn		266K
spdm_body01.dgn		498K
comb/spdm_fit.dgn	Combined file of a SPDM on the SLP (Space Lab Pallet)	1.4M
nest/spdm_fit.dgn	Nested file of a SPDM on the SLP (Space Lab Pallet)	18K
/mpnt/flt/iss/spp	Models located in the SPP (Science Power Platform) directory	
spp_b_trun.dgn		58K
spp_a_saj.dgn		214K
spp_a_apas.dgn		106K
spp_a_tr.dgn		18K
spp_a_cr.dgn		326K
spp_a_pm.dgn		1.4M

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
spp_a_rad.dgn		256K
spp_a_trun.dgn		167K
09a_1_spp.dgn		278K
spp_b_sab.dgn		238K
spp_a_sab.dgn		776K
09a1_spp1.dgn		168K
spp_b_ifs.dgn		743K
spp_b_ofs.dgn		1.0M
spp_b_usa.dgn		262K
spp_a_esa.dgn		125K
09a1_spp2.dgn		128K
nest/spp_a_nest.dgn	Nested file of a SPP - half	18K
nest/spp_b_nest.dgn	Nested file of a SPP - half	16K
nest/spp_all_nest.dgn	Nested file of a SPP - all	22K
/mpnt/fit/iss/ssrms	Models located in the SSRMS (Space Station Remote Manipulation System) directory	
lsa.dgn		118K
slp_ss_att.dgn		1.4M
wrist.dgn		19K
hand.dgn		16K
lsa_sling.dgn		336K
ssrms_fse.dgn		71K
lsa_sling_s.dgn		150K
elbow2.dgn		92K
arm.dgn		90K
elbow1.dgn		94K
nested/ssrms.dgn	Nested file of a SSRMS	18K
nested/ssrms_lp.dgn	Nested file of a SSRMS in launch configuration	21K
nested/ssrms_lsa.dgn	Nested file of a SSRMS - on FSE (Flight Support Equipment)	14K
nested/ssrms_slp.dgn	Nested file of a SSRMS on SLP	14K
/mpnt/fit/iss/truss	Models located in the TRUSS (ISS Trusses) directory	
tmp.dgn		19K
s0.dgn		1.7M
z1.dgn		174K
s1_mod		22K
s1_mod		1.1M
s1_mod		1.9M
z1truss_00.dgn		212K
p1_dshield.dgn		16K
s6_tr_ext.dgn		118K
s3_tr_ext.dgn		585K
p6_tr_ext.dgn		110K
p3_tr_ext.dgn		1.2M
s1_dshield.dgn		19K
cmg_only.dgn		346K
s3_tr_basic.dgn		540K
s0_protrb.dgn		490K
s34_cen.dgn		9.5K
p34_cen.dgn		9.5K
p5.dgn		40K
s5.dgn		40K
s3_dplyd_expr.dgn		146K
p1_rad.dgn		34K
s0_all.dgn		3.4M
cmg_nest.dgn		14K
s1_struct.dgn		1.4M
s0_struct.dgn		1.8M
p1_struct.dgn		1.4M
p1_frgf.dgn		65K
p1_pdgf.dgn		65K
s1_org.dgn		2.7M
p1_ceta.dgn		312K
s1_ceta.dgn		310K
p1_rad_b.dgn		1.6M
s1_rad_b.dgn		1.6M
s1_pump.dgn		44K
p1_pump.dgn		45K
p1_keels.dgn		61K
s1_keels.dgn		64K
s3_stowd_expr.dgn		154K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
p1_guts.dgn		1.2M
s1_guts.dgn		1.2M
s1_rad.dgn		33K
990525_s1/s1_dshield.dgn		19K
990525_s1/s1_m3.dgn		2.8M
990525_s1/s1_m2.dgn		32K
990525_s1/dps_s1.dgn		19K
990525_s1/s1_m1.dgn		1.1M
990525_s1/s1_pump1a.dgn		2.8M
990525_s1/model6.dgn		4.3M
990525_s1/model4.dgn		1.4M
990525_s1/s1_struct.dgn		1.4M
990525_s1/model5.dgn		1.7M
990525_s1/model2.dgn		1.7M
990525_s1/s1_ceta.dgn		310K
990525_s1/s1_rad_b.dgn		1.6M
990525_s1/model3.dgn		3.0M
990525_s1/s1_pump.dgn		44K
990525_s1/s1_keels.dgn		64K
990525_s1/s1_pump1.dgn		117K
990525_s1/s1_guts.dgn		1.2M
990525_s1/s1_990525.dgn		16K
990525_s1/s1_rad.dgn		33K
990525_s1/model1.dgn		1.2M
990525_s1/s0_final.dgn		16K
990525_s1/s0_mt.dgn		90K
990525_s1/rad.dgn		462K
990525_s1/s0_1astruc2.dgn		3.4M
990525_s1/s0_1astruc.dgn		711K
990525_s1/s0_structure1.dgn		208K
990525_s1/1f46_4.dgn		2.7M
990525_s1/1f46_2.dgn		2.8M
990525_s1/s0_shields.dgn		150K
990525_s1/1f46_3.dgn		2.4M
990525_s1/1f46_1.dgn		3.3M
990525_s1/s0_struc_fin.dgn		122K
comb/p1_991022.dgn	Combined file of the P1 Truss dated October 22,1999	2.0M
comb/s1_990615.dgn	Combined file of the S1 Truss dated June 15,1999	3.3M
comb/s0_990625.dgn	Combined file of the S0 Truss dated June 25,1999	1.2M
nest/z1_pcr.dgn	Nested file of the Z1 Truss in PCR configuration	14K
nest/03a_z1.dgn	Nested file of the Z1 Truss on mission 03A	30K
nest/13a_s34_lp.dgn	Nested file of the S3 Truss and S4 Truss on mission 13A	22K
nest/s1_990615_pcr.dgn	Nested file of the S1 Truss in PCR configuration dated June 15,1999	18K
nest/15a_s6_pv.dgn	Nested file of the S6 Truss (Photo Voltaic) on mission 15A	16K
nest/13a_s4_pv.dgn	Nested file of the S4 Truss (Photo Voltaic) on mission 13A	16K
nest/12a_p4_pv.dgn	Nested file of the P4 Truss (Photo Voltaic) on mission 12A	16K
nest/04a_p6_pv.dgn	Nested file of the P6 Truss (Photo Voltaic) on mission 04A	16K
nest/s3_plpplf.dgn	Nested file of the S3 Truss - frame with alpha joint	19K
nest/15a_s6_t.dgn	Nested file of the S6 Truss side - on mission 15A	14K
nest/13a_s3_t.dgn	Nested file of the S3 Truss side - on mission 13A	18K
nest/12a_p3_t.dgn	Nested file of the P3 Truss side - on mission 12A	18K
nest/04a_p6_t.dgn	Nested file of the P6 Truss side - on mission 04A	14K
nest/p1_991022.dgn	Nested file of the P1 Truss dated October 22,1999	88K
nest/12a_p34_lp.dgn	Nested file of the P3 Truss and P4 Truss on mission 12A in launch configuration	22K
nest/s0_990625_pcr.dgn	Nested file of the S0 Truss in PCR configuration dated June 25,1999	15K
nest/s1_990615.dgn	Nested file of the S1 Truss dated June 15,1999	18K
nest/s0_990625.dgn	Nested file of the S0 Truss dated June 25,1999	16K
nest/15a_s6_lp.dgn	Nested file of the S6 on mission 15A in launch configuration	17K
nest/04a_p6_lp.dgn	Nested file of the P6 on mission 04A in launch configuration	17K
/mpnt/flt/iss/ulc	Models located in the ULC (Un-pressurized Logistic Module) directory	
ulc_oru.dgn		20K
ulc_emp.dgn		150K
sm_mmod.dgn		76K
c_sheild.dgn		84K
ulc_oru1.dgn		40K
spp_sa.dgn		90K
ulc_oru2.dgn		30K
nest/spp_smw_ulc.dgn	Nested file of the ULC old configuration	22K
nest/ulc_prc.dgn	Nested file of the ULC in PCR configuration old	15K
nest/spp_cs_ulc.dgn	Nested file of the ULC old configuration	18K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
/mpnt/flt/	Models located in the FLT (Flight Hardware) directory	
/mpnt/flt/misc/	Models located in the MISC (Miscellaneous) directory	
/mpnt/flt/misc/cbm	Models located in the CBM (C Berthing Mechanism) directory	
hatch_o.dgn		51K
rg_pas_o.dgn		116K
cbm_pas_rg.dgn		107K
rg_act_o.dgn		102K
cbm_pas_ve.dgn		28K
control.dgn		32K
d_shield_o.dgn		36K
cbm_act_rg.dgn		90K
cbm_act_ve.dgn		30K
d_sh_end.dgn		12K
vhok.dgn		668K
rg_pas_c.dgn		25K
rg_act_c.dgn		30K
vhok_hatch.dgn		123K
hatch.dgn		66K
d_shield_c.dgn		182K
nested/cbm_act_o.dgn	Nested file of the Active CBM with hatch open	15K
nested/cbm_pas.dgn	Nested file of the Passive CBM	14K
nested/cbm_pas_ha.dgn	Nested file of the Passive CBM with hatch	2.0M
nested/cbm_act_c.dgn	Nested file of the Active CBM with hatch closed	15K
/mpnt/flt/misc/edo	Models located in the EDO (Extended Duration Orbiter) directory	
tanks.dgn		21K
boxes.dgn		22K
edo.dgn		147K
nested/edo_bx_pcr.dgn	Nested file of the EDO with boxes in PCR	14K
nested/edo_tanks.dgn	Nested file of the EDO with tanks	13K
nested/edo_box.dgn	Nested file of the EDO with boxes	14K
/mpnt/flt/misc/ep	Models located in the EP (Express Pallet) directory	
payloads.dgn		54K
ep_emp.dgn		34K
nest/ep_pay.dgn	Nested file of the EP with payload	14K
/mpnt/flt/misc/gpl	Models located in the GPL (Grappling Fixtures) directory	
pdgf_base.dgn		18K
frgf.dgn		42K
pdgf.dgn	Nested file of the GPL	58K
/mpnt/flt/misc/oru	Models located in the ORU (Orbiter Replacement Units) directory	
rd_sc_bottom.dgn		69K
rd_sc_cover.dgn		80K
comb/rd_sc.dgn	Combined file of the Rocketdyne Shipping Container	38K
nest/rd_sc.dgn	Nested file of the Rocketdyne Shipping Container	15K
/mpnt/flt/misc/slp	Models located in the SLP (Space Lab Pallet) directory	
spda_emp_w.dgn		326K
ata.dgn		9.0K
table.dgn		70K
batter.dgn		118K
single_rail.dgn		109K
tnk_gas.dgn		50K
test1.dgn		1004K
spda_emp.dgn		332K
double_rail.dgn		138K
slp_emp.dgn		267K
tnk_gas_w.dgn		178K
table_w.dgn		536K
slp_emp_w.dgn		790K
spdm.dgn		134K
pma3_mnt.dgn		474K
pma3_mnt2.dgn		279K
comb/07a_slp_t4.dgn	Combined file of the 2SLP with 4 tanks for mission 07A	1.3M
comb/07a_slp.dgn	Combined file of the 2SLP for mission 07A	1008K
nest/ata_spdm.dgn	Nested file of the Tank and Special Purpose Dexterous Manipulator on a SLP	576b
nest/single_pallet.dgn	Nested file of the SLP (Space Lab Pallet)	101K



APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
nest/spl_mnt.dgn	Nested file of the PMA mounted on a SLP	13K
nest/07a_slp_t4.dgn	Nested file of the 2SLP with 4 tanks for mission 07A	140K
nest/slp_bat.dgn	Nested file of the SLP with batteries	12K
nest/slp_t4.dgn	Nested file of the 2SLP with 4 tanks for mission 07A	14K
nest/slp_t2.dgn	Nested file of the 2SLP with 2 tanks for mission 07A	22K
nest/new_07a_slp.dgn	Nested file of the 2SLP for mission 07A	136K
nest/07a_slp.dgn	Nested file of the 2SLP for mission 07A	140K
nest/slp_t1.dgn	Nested file of the 2SLP with 1 tanks for mission	21K
/mpnt/flt/misc/sphab	Models located in the SPHAB (Space Habitation Module) directory	
sphabdmh2.dgn		50K
sphabdmh.dgn		44K
spacelab.dgn		44K
/mpnt/flt/misc/tunnel	Models located in the Orbiter Tunnel directory	
shtunhoc.dgn		106K
shtunhoc2.dgn		108K
shtunhoc3.dgn		124K
/mpnt/flt/misc/sts_carrier	Models located in the STS_Carrier directory	
ieh2.dgn		1.2M
mpess.dgn		970K
fse_cmmn_lft_bm.dgn		40K
sat01.dgn		124K
dave1.dgn		366K
fse_lo_pro_dolly.dgn		112K
heat_dwg.dgn		1.2M
gasa_d.dgn		146K
gasa_b.dgn		65K
gasa_c.dgn		145K
nest/n_mpress_gas.dgn	Nested file of the MPESS (Mission Peculiar Experiment Support Structure) with GAS can	12K
nest/n_mpress_gas2.dgn	Nested file of the MPESS (Mission Peculiar Experiment Support Structure) with GAS can	24K
/mpnt/flt/misc/x37	Models located in the X37 directory	
trunnion.dgn		527K
dave_x37.dgn		14K
ring.dgn		854K
fwd_cradle.dgn		454K
aft_cradle.dgn		320K
n_oml.dgn		16K
alt_oml.dgn		2.1M
oml.dgn		844K
dave_x37a.dgn		14K
/mpnt/flt/orb/	Models located in the ORB (Orbiter) directory	
orbiterv.dgn		1.9M
roeu_mplm.dgn		1.1M
shuttle.dgn		1.4M
orbnose.dgn		344K
wing.dgn		120K
halfbay.dgn		478K
halfcab.dgn		108K
orbiterh1.dgn		1.9M
orbiterh.dgn		1.9M
sts_bridges.dgn		970K
nest/nt.dgn	Nest file of the orbiter in NT mode	13K
nest/orb_pcr_h.dgn	Nest file of the orbiter in the PCR (Payload Changeout Room)	13K
/mpnt/flt/new_orb/	Models located in the NEW_ORB (New Orbiter) directory	
slidewire.dgn		2.2M
ku_band02.dgn		76K
aftblkhd01.dgn		126K
fwdblkh02.dgn		192K
payload_bay.dgn		4.0M
ku_band.dgn		76K
ku_deploy.dgn		68K
nest/orbiter_bay.dgn	Nest file of the orbiter bay	4.0M
/mpnt/flt/pay/	Models located in the PAY (Payloads) directory	
/mpnt/flt/pay/ius	Models located in the IUS (Inertial Upper Stage) directory	
ius.dgn		142K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
nest/ius_gse.dgn	Nest file of the IUS in the PCR	11K
/mpnt/flt/pay/srtm	Models located in the SRTM (Shuttle Radar Topography Mission) directory	
srtm_new.dgn		172K
srtm_ant.dgn		280K
srtm_mnt.dgn		46K
nest/srtm_slp.dgn	Nest file of the SRTM with two SLP	14K
nest/srtm_lp.dgn	Nest file of the SRTM in launch package configuration	15K
/mpnt/flt/pay/europa	Models located in the EUROPA directory	
europa.dgn		397K
nest/europa_pcr.dgn	Nest file of the EUROPA in the PCR	
/mpnt/gse/	Models located in the GSE (Ground Support Equipment) directory	
/mpnt/gse/banner	Models located in the banner directory	
wall_no_s.dgn		38K
node_02a.dgn		48K
/mpnt/gse/brazil	Models located in the Brazil directory	
ulc_sc_cov.dgn		55K
ulc_sc_sl.dgn		94K
oru_sling.dgn		98K
ulc_st_sling.dgn		81K
ulc_stand.dgn		238K
z1_ringc.dgn		90K
z1_ringb.dgn		98K
ulc_sc_base.dgn		82K
nest/ulc_sc.dgn	Nested file of the ULC Shipping Container	22K
/mpnt/gse/csa	Models located in the CSA ( Canadian Space Agency ) directory	
ssrms_cont.dgn		230K
rotrig.dgn		104K
idt_tilt.dgn		250K
idt_mnt.dgn		14K
stbk_e_u.dgn		28K
t_stc.dgn		40K
idt.dgn		132K
stbk_e_b.dgn		66K
rotrig_b.dgn		99K
stbk_e_c.dgn		175K
lee_dol_h.dgn		182K
lee_sling4s.dgn		94K
idt_sling.dgn		229K
lee_dol_v.dgn		160K
stbk_b1_u.dgn		70K
stbk_a1_u.dgn		70K
t_ss_etse.dgn		224K
ss_slng.dgn		407K
st_slng_e.dgn		658K
lee_sling3.dgn		334K
stbk_b1_a.dgn		35K
lee_sling4.dgn		394K
st_slng_ab.dgn		427K
ss_slng_s.dgn		146K
stbk_b1_c.dgn		88K
stbk_a1_c.dgn		86K
stbk_b1_b.dgn		62K
stbk_a1_b.dgn		57K
stbk_e_c2.dgn		536K
nested/idt_lift.dgn	Nested file of the IDT in a sling	228K
nested/ssrms_slng.dgn	Nested file of the SSRMS in a sling	234K
nested/stbk_e2.dgn	Nested file of the SSRMS GSE equipment	654K
nested/dolly_h.dgn	Nested file of the SSRMS GSE equipment	14K
nested/stbk_b1.dgn	Nested file of the SSRMS GSE equipment	610K
nested/stbk_a1.dgn	Nested file of the SSRMS GSE equipment	423K
nested/stbk_e1.dgn	Nested file of the SSRMS GSE equipment	523K
nested/dolly_v.dgn	Nested file of the SSRMS GSE equipment	230K
nested/ssrms_idt.dgn	Nested file of the SSRMS FSE equipment	144K

**Ground Support Equipment**

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
/mpnt/gse/	Models located in the GSE (Ground Support Equipment) directory	
/mpnt/gse/hndl	Models located in the HNDL (Handling) directory	
/mpnt/gse/hndl/abp	Models located in the ABP (Air Bearing Pallets) directory	
00025c.dgn		23K
00220c.dgn		24K
abp.dgn		14K
air_cart.dgn		35K
00220.dgn		34K
00025.dgn		35K
castor.dgn		69K
cast_stb.dgn		23K
cast_sta.dgn		23K
/mpnt/gse/hndl/has	Models located in the HAS ( Hatch Access Structure ) directory	
deap.dgn		376K
has.dgn		1.2M
has_sc.dgn		30K
has_o.dgn		712K
/mpnt/gse/hndl/hatch	Models located in the standard HATCH directory	
hap.dgn		205K
phok.dgn		735K
hok.dgn		552K
hak.dgn		318K
/mpnt/gse/hndl/rid	Models located in the RID ( Rack Insertion Device ) directory	
rid_base.dgn		132K
bm_out.dgn		246K
bm_in.dgn		223K
bm_cen.dgn		221K
bm_case.dgn		140K
rid_cab.dgn		680K
nest/rid.dgn	Nested file of the RID	16K
nest/rid_bo.dgn	Nested file of the RID with boom out	18K
nest/rid_bi_st.dgn	Nested file of the RID with boom in with standard installed	20K
nest/rid_bo_ne25.dgn	Nested file of the RID with boom out clocked at 25 degrees	18K
nest/rid_bi_asc.dgn	Nested file of the RID with boom in and the ACS installed	18K
nest/rid_bo_asc.dgn	Nested file of the RID with boom out and the ACS installed	18K
nest/rid_bi_50.dgn	Nested file of the RID with boom in and the 50 installed	22K
nest/rid_bi.dgn	Nested file of the RID with boom in	18K
/mpnt/gse/hndl/rid/endeff	Models located in the ENDEFF ( End Effectors) directory	
/mpnt/gse/hndl/rid/endeff/50	Models located in the 50 ( 50" Rack Handling) (82K05638) directory	
rackmtg_50.dgn		83K
hub_50.dgn		58K
r_wires.dgn		16K
dialh_50.dgn		63K
dialr_50.dgn		200K
stand_50.dgn		231K
rk_stnd_0.dgn		22K
comb/rk_stnd_0.dgn	Combined file of the 50 in its storage stand	312K
nest/ef_50_0.dgn	Nested file of the 50 clocked at 0 degrees	18K
nest/ef_50_90.dgn	Nested file of the 50 clocked at 90 degrees	16K
nest/ef_50_45.dgn	Nested file of the 50 clocked at 45 degrees	16K
nest/ef_50_90d.dgn	Nested file of the 50 clocked at 90 degrees in a down drop position	18K
nest/rk_stnd_0.dgn	Nested file of the 50 in its storage stand	22K
/mpnt/gse/hndl/rid/endeff/aac	Models located in the AAC ( MPLM 96" Hatch) directory	
aac_cart.dgn		128K
ef_aac_st.dgn		265K
comb/temp_oncart.dgn	Combined file of a ring in its storage stand (place holder)	46K
comb/aaccart.dgn	Combined file of the AAC in its storage stand	84K
comb/aaconcart.dgn	Combined file of the AAC in its storage stand	84K
nest/aaccart.dgn	Nested file of the AAC in its storage stand	24K
nest/aaconcart.dgn	Nested file of the AAC in its storage stand	24K
nest/ef_aac.dgn	Nested file of the AAC on end effector	18K
/mpnt/gse/hndl/rid/endeff/asc	Models located in the ASC ( Aisle Storage Container) directory	
asc_tilt_up.dgn		408K
asc_tilt.dgn		820K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
ef_asc.dgn		144K
/mpnt/gse/hndl/rid/endeff/mbh	Models located in the MBH ( M01/02 Bag Handler) (82K06481) directory	
mbh_cart.dgn		80K
mbh_seed.dgn		15K
mbh.dgn		336K
mbh_inout.dgn		32K
allanfinal.dgn		3.3M
/mpnt/gse/hndl/rid/endeff/oru	Models located in the ORU ( ORU Handling) (82K05642) directory	
table.dgn	Soft pack Installer (82K06355)	1.1M
cart.dgn		1.1M
oru_undef.dgn		124K
oru_end_eff.dgn		307K
nest/n_oru.dgn	Nested file of the ORU and table on its storage stand	18K
/mpnt/gse/hndl/rid/endeff/pad	Models located in the PAD ( Personnel Access Device) directory	
pa_dol.dgn		123K
pa_end1.dgn		440K
nest/n_pad.dgn	Nested file of the PAD on its storage stand	14K
/mpnt/gse/hndl/rid/endeff/endlift	Models located in the endlift ( End Lift) directory	
endlift.dgn		82K
endliftstd.dgn		155K
nest/el_in_std.dgn	Nested file of the endlift on its storage stand	152K
/mpnt/gse/hndl/rid/endeff/standar	Models located in the standard End Effector ( 82K05460) directory	
frame_t.dgn		454K
tilt.dgn		62K
st_ef_b.dgn		140K
st_ef_r.dgn		44K
wtcgstnd.dgn		598K
st_ef_h.dgn		31K
wtcgstnd1.dgn		48K
st_ef_a60.dgn		44K
st_ef_a90.dgn		46K
comb/tilt_st_emp_a.dgn	Combined file of the tilt stand	231K
comb/tilt_st_emp.dgn	Combined file of the tilt stand	1.4M
comb/wtcgstnd3.dgn	Combined file of the standard on its storage stand	222K
comb/tilt_st_full.dgn	Combined file of the tilt stand with soft pack	492K
nest/frame_t.dgn	Nested file of the tilt stand - frame portion only	522K
nest/n_rspit.dgn	Nested file of the soft pack on its tilt stand	19K
nest/tilt_st_emp.dgn	Nested file of the tilt stand	19K
nest/st_ef_90.dgn	Nested file of the standard clocked at 90 degrees	16K
nest/st_ef_60.dgn	Nested file of the standard clocked at 60 degrees	16K
nest/tilt_st_full.dgn	Nested file of the tilt stand with soft pack	19K
/mpnt/gse/hndl/chek	Models located in the standard CHEK ( Cargo handling Equipment Kit) directory	
chek_plak.dgn		359K
chek_reap.dgn		495K
chek_has.dgn		228K
/mpnt/gse/hndl/mace	Models located in the standard MACE ( Module Access Certification Equipment ) directory	
mace_mod_h.dgn		432K
mace_plat_v.dgn		85K
.initial_copy/mace_horz.dgn		1.2M
.initial_copy/mace_base.dgn		497K
.initial_copy/mace_plat.dgn		162K
.initial_copy/mace_lad.dgn		184K
.initial_copy/mace_mod.dgn		832K
mace_alcov_v.dgn		116K
sda2.dgn		442K
pma_sim.dgn		264K
.mace_cfg/mace_cfg_02.dgn		88K
.mace_cfg/mace_cfg_03.dgn		82K
.mace_cfg/mace_cfg_01.dgn		70K
mace_racks_h.dgn		478K
mace_base.dgn		380K
mace_racks_v.dgn		480K
mace_lad.dgn		178K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
.mace_mod.dgn		834K
.mace_racks.dgn		937K
mace_doc.dgn		643K
sda2_s.dgn		428K
mace_mod_v.dgn		842K
mace_plat_h.dgn		102K
.mace_alcov.dgn		138K
.mace_plat.dgn		149K
mace_doc2.dgn		398K
comb/end_platform.dgn	Combined file of the end platform (part of MACE)	318K
comb/plak_box.dgn	Combined file of the PLAK	32K
comb/has_box.dgn	Combined file of the HAS	1.8M
comb/mace_h_ca.dgn	Combined file of the MACE in horizontal position located in SSPF canister area	1.3M
comb/mace_v_ca.dgn	Combined file of the MACE in vertical position located in SSPF canister area	1.8M
nest/mace_horz.dgn	Nested file of the MACE in horizontal position	32K
nest/mace_nest_v.dgn	Nested file of the MACE in vertical position	32K
nest/mace_v_pma.dgn	Nested file of the MACE in vertical position with PMA simulator	40K
nest/m_v_pma.dgn	Nested file of the MACE in vertical position with PMA simulator	1.0M
nest/mace_vert.dgn	Nested file of the MACE in vertical position	36K
nest/mace_nest_h.dgn	Nested file of the MACE in horizontal position	17K
/mpnt/gse/hndl/mvak	Models located in the standard MVAK ( Module Vertical Access Kit ) directory	
hoist.dgn		86K
mvakoc.dgn		232K
pul_sys.dgn		335K
/mpnt/gse/hndl/paf_in	Models located in the standard PAF_IN ( Module floor ) directory	
pafloor.dgn		60K
/mpnt/gse/hndl/plak	Models located in the standard PLAK ( PCR Late Access Kit ) directory	
plap.dgn	PLAP ( PCR Late Access Platform )	236K
cia.dgn		222K
plap2001a.dgn		520K
plak_sc.dgn		24K
dz_plap.dgn		527K
chek_plak.dgn		329K
plak.dgn		1.1M
rts_plap.dgn		248K
/mpnt/gse/hndl/reap	Models located in the standard REAP ( Removal End Access Platform ) directory	
reap.dgn		884K
sling.dgn		64K
reap_base.dgn		160K
top_plat.dgn		234K
fold_plat.dgn		34K
opf_mnt.dgn		114K
slide_bot.dgn		41K
banner.dgn		33K
slide_top.dgn		68K
handrail.dgn		20K
lpis_mnt.dgn		111K
block.dgn		38K
roeu_flip.dgn		28K
fold_stair.dgn		38K
nest/rp_lpis_t.dgn	Nested file of the REAP in LPIS - top platform mode	882K
nest/rp_lpis_b.dgn	Nested file of the REAP in LPIS - bottom platform mode	886K
nest/rp_opf_t.dgn	Nested file of the REAP in orbiter - top platform mode	884K
nest/rp_opf_b.dgn	Nested file of the REAP in orbiter - bottom platform mode	888K
/mpnt/gse/hndl/roap	Models located in the standard ROAP ( Removable Overhead Access Platform ) directory	
cab_stor_st.dgn		20K
cab.dgn		58K
z_bridge.dgn		422K
bridge.dgn		506K
z_plat_fc.dgn		77K
plat_fc.dgn		39K
z_cab.dgn		58K
plat_fo.dgn		38K
z_cab_mnt.dgn		38K
cab_mnt.dgn		40K
z_trolley_sup.dgn		18K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
comb/cab_storage.dgn	Combined file of the CAP (part of ROAP) in its storage stand - place holder	58K
nest/cab_storage.dgn	Nested file of the CAP (part of ROAP) in its storage stand - place holder	36K
nest/z_roap_s.dgn	Nested file of the ROAP in its storage position	17K
nest/roap_s.dgn	Nested file of the ROAP in its storage position	17K
nest/roap_o.dgn	Nested file of the ROAP in its operational position	18K
/mpnt/gse/hndl/xyztable	Models located in the standard XYZTABLE ( 3 Axis Positional) directory	
sis_lift_pump.dgn		15K
trantbl.dgn		612K
pump_tiedown.dgn		85K
sis_lift_pm.dgn		110K
/mpnt/gse/misc	Models located in the MISC (Miscellaneous) directory	
sling.dgn		9.0K
lad_67.dgn		43K
storge_cab2ft.dgn		22K
lad_45.dgn		55K
lift2.dgn		213K
boxes.dgn		11K
storge_cab.dgn		22K
hst_debr_eq.dgn		50K
lad_114b.dgn		74K
lad_114.dgn		75K
forklift.dgn		114K
04a_p6_tent.dgn		38K
bookcase.dgn		24K
lad_acc.dgn		60K
/mpnt/gse/nasda	Models located in the NASDA ( National Space Development Agency of Japan ) directory	
/mpnt/gse/nasda/mech	Models located in the NASDA/MECH ( Mechanical ) directory	
ps_ops_stnd.dgn		280K
ers_pm_base.dgn		134K
ers_ps_base.dgn		66K
rk_loading_cradle.dgn		112K
stair_jem.dgn		60K
rk_loading_kit_dw.dgn		312K
pl_ps_end.dgn		98K
ers_ps_ring.dgn		96K
ers_pm_ring.dgn		96K
pl_plank.dgn		40K
rk_loading_kit.dgn		175K
pl_pm_c.dgn		86K
pl_ps_c.dgn		33K
pl_pm_r.dgn		82K
pl_ps_r.dgn		36K
pl_pm_l.dgn		356K
pl_ps_l.dgn		38K
pl_ps_r1.dgn		103K
pl_ps_l1.dgn		103K
pl_ps_c1.dgn		36K
stair_jem2.dgn		62K
stair_jem3.dgn		62K
pm_ops_stnd.dgn		302K
nested/n_ers_pm.dgn	Nested file of the JEM-PM Element Rotation Stand	17K
nested/n_stnd_ps.dgn	Nested file of the ELM-PS Stand	20K
nested/n_stnd_pm.dgn	Nested file of the JEM-PM Stand	64K
nested/n_ers_ps.dgn	Nested file of the ELM-PS Element Rotation Stand	18K
nested/n_ps_whole.dgn	Nested file of the ELM-PS in the Element Rotation Stand	71K
nested/n_pm_whole.dgn	Nested file of the JEM-PM in the Element Rotation Stand	75K
/mpnt/gse/nasda/misc	Models located in the NASDA/MISC ( Miscellaneous ) directory	
/mpnt/gse/nasda/misc/jem_pm	Models located in the NASDA/MISC/JEM_PM ( Japanese Experimental Module - Pressurized Module)	
pm_stands_tif.dgn		64K
pmstand.dgn		318K
pm_stands.dgn		356K
jem_ers.dgn		218K
/mpnt/gse/nasda/misc/elm_ef	Models located in the NASDA/MISC/ELM_EF ( Experimental Logistics Module - Exposed Facility)	
efstnds.dgn		226K
ef_had.dgn		107K
ef_racks.dgn		296K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
elm_ers.dgn		152K
elmstand.dgn		314K
elm_stnds.dgn		272K
/mpnt/gse/nasda/ship	Models located in the NASDA/SHIP ( Shipping Equipment ) directory	
ship_jem_c.dgn		26K
ship_elm_c.dgn		24K
ship_jem_b.dgn		98K
ship_elm_b.dgn		96K
low_boy.dgn		82K
nest/ship_jem_coff.dgn	Nested file of the JEM-PM Shipping Container with cover off	14K
nest/ship_elm_coff.dgn	Nested file of the ELM-ES Shipping Container with cover off	119K
nest/ship_jem_con.dgn	Nested file of the JEM-PM Shipping Container with cover on	14K
nest/ship_jem_trailer.dgn	Nested file of the JEM-PM trailer	16K
nest/ship_elm_con.dgn	Nested file of the ELM-ES Shipping Container with cover on	14K
/mpnt/gse/nasda/elect	Models located in the NASDA/ELECT ( Electrical Equipment ) directory	
i_f_test.dgn		52K
/mpnt/gse/nasda/fluid	Models located in the NASDA/FLUID ( Fluid Equipment ) directory	
chillers.dgn		34K
/mpnt/gse/russia	Models located in the RUSSIA ( Russia Equipment ) directory	
spp_b_can.dgn		150K
spp_a_can.dgn		151K
spp_roeu.dgn		20K
spp_b_t4.dgn		16K
spp_b_trun.dgn		62K
spp_gse.dgn		378K
spp_vacbase.dgn		44K
beam_9m.dgn		301K
beam_5m.dgn		155K
spp_a_saj.dgn		218K
spp_b_canx.dgn		150K
spp_a_t1.dgn		8.3M
module_b.dgn		16K
spp_trunions.dgn		72K
module_a.dgn		18K
spp_b_t3.dgn		16K
spp_a_apas.dgn		108K
spp_a_tr.dgn		23K
spp_a_t2.dgn		18K
spp_a_cr.dgn		330K
spp_a_pm.dgn		1.5M
seed3d.dgn		14K
spp_a_rad.dgn		260K
spp_a_trun.dgn		171K
spp_b_sab.dgn		242K
spp_a_sab.dgn		780K
spp_a_canx.dgn		151K
spp_b_ifs.dgn		748K
spp_b_ofs.dgn		1.0M
spp_b_usa.dgn		266K
spp_a_ea.dgn		129K
spp_gser1.dgn		349K
spp_gse01.dgn		270K
/mpnt/gse/sim	Models located in the SIM ( Simulation ) directory	
sassalign.dgn		23K
act557.dgn		72K
pass550.dgn		76K
testaid/s0_testaid.dgn	old	1.7M
testaid/s0_testaid.dgn	old	204K
/mpnt/gse/ssrms	Models located in the SSRMS ( Space Station Remote Manipulator System ) directory	
ssrms_cont.dgn		226K
ssrms_etse.dgn		194K
lsa.dgn		269K
ssrms_scaf.dgn		110K
idt_rot.dgn		130K
ssrms_slng.dgn		227K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
t_stc.dgn		128K
ssrms.dgn		400K
stbk_e2.dgn		652K
ssrms_cela.dgn		320K
trun_ssrms.dgn		82K
ssrms_cews.dgn		849K
stbk_b1.dgn		607K
stbk_a1.dgn		418K
stbk_e1.dgn		518K
lee_sling.dgn		326K
fix_ssrms.dgn		22K
transfer.dgn		226K
testset2.dgn		23K
testset1.dgn		19K
ssrms_lsa.dgn		267K
ssrms_slp.dgn		1010K
/mpnt/gse/	Models located in the GSE (Ground Support Equipment) directory	
/mpnt/gse/stds	Models located in the stds (Stands) directory	
/mpnt/gse/stds/cews	Models located in the CEWS ( Cargo Element Work Stand ) directory	
051b_se_4a.dgn		303K
cews15.dgn		298K
dw_cews15.dgn		283K
tc_cews15.dgn		246K
cews10.dgn		312K
dw_cews10.dgn		312K
tc_cews10.dgn		420K
/mpnt/gse/stds/aft	Models located in the AFT ( Aft Flight Deck ) directory	
afd_stair_d.dgn		142K
tc_afd.dgn		522K
afd_dwell.dgn		269K
afd.dgn		266K
tc_afdst.dgn		447K
tc_afd1.dgn		449K
afd_stair.dgn		130K
nest/afd_st_1.dgn	Nested file of AFD with its stairs	13K
nest/afd_st_2.dgn	Nested file of AFD with its stairs	13K
/mpnt/gse/stds/cts	Models located in the CTS ( Cable Tray Stands ) directory	
ext_6.dgn		67K
00712b.dgn		151K
00712.dgn		222K
ext_4.dgn		28K
00712a.dgn		122K
ext_5.dgn		31K
bridge_8e.dgn		72K
bridge_8.dgn		70K
bridge_6.dgn		56K
bridge_4.dgn		42K
cts_scaf.dgn		176K
cts_scaf3.dgn		74K
00712_nw.dgn		106K
cts_scaf2.dgn		79K
ext_8.dgn		69K
cts_scaf3a.dgn		74K
/mpnt/gse/stds/cub	Models located in the CUB ( Cub Stands ) directory	
express_cub.dgn		236K
frame.dgn		95K
stand.dgn		68K
vert_cub.dgn		166K
/mpnt/gse/stds/fit	Models located in the FIT ( Trunnion Fittings ) directory	
fit_cite.dgn		209K
fit_can.dgn		192K
fit_all.dgn		445K
fitting2.dgn		46K
trunnions.dgn		74K
fit_lpis.dgn		112K



FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
tsf_pay.dgn		50K
fitting.dgn		28K
2a_lpis_cek.dgn		260K
cek.dgn		70K
cek_one.dgn		37K
wtncg2.dgn		168K
trunnions1.dgn		74K
nest/4fitting.dgn	Nested file of four fittings ( O&C standard )	14K
/mpnt/gse/stds/lab_emu	Models located in the LAB_EMU ( LAB Emulator ) directory	
try1.dgn		814K
try2.dgn		590K
try_lad.dgn		94K
lab_emu_2.dgn		1.1M
lab_emu_lddr.dgn		188K
lab_emu_1.dgn		1.6M
nested/lab_emu.dgn	Nested file of lab emulator	13K
nested/lab_emu_cmp.dgn	Nested file of lab emulator	16K
old/lab_emu_2.dgn		950K
old/lab_emu_lddr.dgn		117K
old/lab_emu_1.dgn		1.8M
/mpnt/gse/stds/lite	Models located in the LITE ( LITE Payload ) directory	
lite_sc.dgn		133K
nest/lite_sc_p.dgn		18K
/mpnt/gse/stds/lpis	Models located in the LPIS ( Launch Package Integration Stand ) directory	
lpis.dgn		297K
alt_lpis_2.dgn		330K
alt_lpis.dgn		319K
tc_lpis.dgn		298K
nest/cite.dgn	Nested file of AFD, LPIS & T0 and ROAP	17K
nest/tc_cite.dgn	Nested file of AFD, LPIS & T0 (true colors)	298K
nest/cite_lite.dgn	Nested file of AFD, LPIS & T0	14K
/mpnt/gse/stds/mars	Models located in the MARS ( Mars Mission ) directory (Conceptual stuff)	
mars_stnds.dgn		1.0M
mars_stnds2.dgn		1.0M
/mpnt/gse/stds/mbs	Models located in the MBS ( Mobile Base Systems ) directory	
mbs_rig.dgn		92K
mbs_wheel.dgn		76K
mbs_std.dgn		114K
mbs_jack.dgn		21K
mbs_std_h.dgn		530K
mbs_std_v.dgn		530K
mbs_std_f.dgn		60K
mbs_rig1.dgn		130K
mbs_std_b.dgn		96K
mbs_sc.dgn		62K
mbs_wh_jack.dgn		80K
nest/mbs_stand_v.dgn	Nested file of MBS rotation stand - vertical position	19K
nest/mbs_stand_hv.dgn	Nested file of MBS rotation stand - vertical position	19K
nest/mbs_stand_h.dgn	Nested file of MBS rotation stand - horizontal position	19K
/mpnt/gse/stds/mpess	Models located in the MPRESS ( Mission Peculiar Experiment Support Structure ) directory	
g4stand_2.dgn		145K
g4stand_1.dgn		68K
trolley.dgn		108K
nest/n_g4s1.dgn	Nested file of MPRESS in stand1	67K
nest/n_g4s2.dgn	Nested file of MPRESS in stand2	77K
/mpnt/gse/stds/node_emu	Models located in the NODE_EMU ( Node Emulator ) directory	
n_emu_st.dgn		44K
/mpnt/gse/stds/oru	Models located in the ORU ( Orbital Replacement Unit ) directory	
oru_dolly_tilt.dgn		466K
/mpnt/gse/stds/pma	Models located in the PMA ( Pressurized Mating Adapter ) directory	
horz_pl.dgn		30K
vert_pl.dgn		31K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
vert_pma.dgn		30K
horz_pma.dgn		31K
base_pma.dgn		48K
hitch_pma.dgn		22K
nest/pmcart_h.dgn	Nested file of PMA stand - horizontal position	16K
nest/pmcart_v.dgn	Nested file of PMA stand - vertical position	18K
/mpnt/gse/stds/pv	Models located in the PV ( Photovoltaic ) directory	
pvstand.dgn		118K
pv_strbck.dgn		30K
pv_sling.dgn		60K
pv_cradle.dgn		68K
nested/pv_cradles_wpv.dgn	Nested file of PVA Cradle Stands with PVAs	22K
nested/pv_cradles.dgn	Nested file of PVA Cradle Stands	18K
/mpnt/gse/stds/rack	Models located in the RACK ( Flight Rack Stands ) directory	
ras.dgn		52K
hndl_base.dgn		72K
rackha.dgn		131K
msfc_base.dgn		223K
alumulift.dgn		108K
rackcont.dgn		1.2M
hndl_base1.dgn		192K
ras_nh.dgn		41K
rackha1.dgn		169K
nest/rack_1.dgn	Nested file of flight rack in rack stand on dolly	46K
/mpnt/gse/stds/rack/for_omp	Models located in the RACK/FOR_OMP ( Operational Maintenance Processors ) directory	
for_omp/ssrack.dgn		75K
for_omp/jscdolly.dgn		234K
for_omp/kscdolly.dgn		258K
for_omp/rackha.dgn		176K
for_omp/rackcont.dgn		1.2M
/mpnt/gse/stds/reap	Models located in the REAP ( Flight Rack Stands ) directory	
reap_s.dgn		320K
reap_o.dgn		289K
/mpnt/gse/stds/rhf	Models located in the RHF ( Rotation Handling Fixture ) directory	
vstand.dgn		68K
vt_sb2.dgn		71K
vt_sb.dgn		96K
vt_sb1.dgn		70K
rhf.dgn		905K
chamfx.dgn		56K
base_rhf.dgn		124K
breaksling.dgn		86K
rhf_keel.dgn		175K
pedestal.dgn		124K
vsbeem.dgn		166K
ped4_plan.dgn		258K
breakbeam1.dgn		120K
rhf_beam1.dgn		70K
nested/rhfonped.dgn	Nested file of RHF in open position	13K
/mpnt/gse/stds/rid	Models located in the RID ( Rack Insertion Device ) directory	
rackendeff_std.dgn		48K
nested/eff_st_90.dgn	Nested file of end effector on stand	20K
/mpnt/gse/stds/s0	Models located in the s0 ( S0 Truss ) directory	
s0_cage_l.dgn		62K
ship_st.dgn		295K
ship_st_2.dgn		286K
s0_cage_r.dgn		62K
s0_cage_c.dgn		638K
s0_std.dgn		722K
nest/n_s0_std.dgn	Nested file of S0 Truss stand	18K
/mpnt/gse/stds/s1	Models located in the s1 ( S1 Truss ) directory	
s1_cage_l.dgn		102K
ship_st_s1_2.dgn		286K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
ship_st_s1.dgn		295K
s1p1_stnd.dgn		706K
ssas_sim_std.dgn		422K
s1_cage_r.dgn		100K
s1_cage_c.dgn		1.3M
nest/n_s1p1_stnd.dgn	Nested file of S1 Truss stand	18K
/mpnt/gse/stds/scaf	Models located in the SCAF ( Scaffolding ) directory	
d20scaf_am.dgn		144K
p6_tent.dgn		40K
sc_rd.dgn		37K
s8scaf_storb.dgn		23K
d6scaf.dgn		94K
d20scaf.dgn		144K
d28scaf.dgn		144K
d8scaf.dgn		88K
spndx_20.dgn		37K
s10scaf_s1.dgn		62K
rods_a.dgn		18K
z1_tent.dgn		156K
d10scaf_t.dgn		34K
s10scaf_t.dgn		31K
s6scaf_t.dgn		32K
s8scaf_t.dgn		199K
d6scaf_t.dgn		34K
d8scaf_t.dgn		34K
sc_end.dgn		73K
sc_8ft.dgn		42K
amm_scaf.dgn		720K
s8scaf_stor.dgn		28K
d10scaf_b.dgn		29K
s10scaf_b.dgn		26K
s6scaf_b.dgn		27K
s8scaf_b.dgn		26K
d6scaf_b.dgn		29K
d8scaf_b.dgn		28K
amm_scafb.dgn		58K
d8scaf_o7a.dgn		36K
s6scaf.dgn		73K
scaf_mbs.dgn		46K
s10scaf.dgn		78K
d10scaf.dgn		142K
wheels.dgn		73K
s8scaf.dgn		73K
amm_scafa.dgn		655K
peg_bd1.dgn		10K
/mpnt/gse/stds/spp	Models located in the SPP ( Science Power Platform ) directory	
spp_wa2.dgn		54K
spp_wa1.dgn		138K
spp_stand.dgn		24K
/mpnt/gse/stds/stairs	Models located in the STAIRS ( Stairs and Ladders ) directory	
lad_67.dgn		76K
lad_114_y.dgn		144K
lad_45.dgn		100K
spndck.dgn		68K
stairs1.dgn		43K
lad_114.dgn		144K
st_stairs.dgn		94K
lad_45_y.dgn		100K
lad_acc.dgn		60K
/mpnt/gse/stds/t0	Models located in the T0 ( T-Zero Stand ) directory	
t0.dgn		262K
t0_dwell.dgn		150K
tc_t0.dgn		262K
/mpnt/gse/stds/z1	Models located in the Z1 ( Z1 Truss ) directory	
/mpnt/gse/stds/z1/ers	Models located in the Z1 ( Z1 Truss Rotation Stand ) directory	
z1_hoop_st.dgn		18K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
z1_base.dgn		206K
z1_ring.dgn		60K
z1_hoop.dgn		50K
z1_ring_exp.dgn		60K
nest/z1_ers.dgn	Nested file of Z1 Truss in rotation stand	14K
/mpnt/gse/stds/z1/plat	Models located in the PLAT ( Z1 Truss Rotation Stand - Platforms ) directory	
z1_r.dgn		72K
z1_lad.dgn		59K
z1_l.dgn		70K
z1_lad_s.dgn		63K
/mpnt/gse/testiads	Models located in the testaiads ( Space Station Simulation Equipment ) directory	
upframeassem.dgn		9.1M
p6_eas.dgn		1.2M
aid_base.dgn		122K
end_cone.dgn		38K
fluidplate.dgn		2.5M
iva.dgn		4.5M
j300_part.dgn		4.0M
testaid_cbm.dgn		2.0M
platform.dgn		2.3M
endpiece.dgn		224K
s0_testaid.dgn		1.7M
hab_umbil.dgn		5.2M
avoinics_umbil.dgn		28M
stand_umbil.dgn		31M
fluid_umbil_deploy.dgn		22M
z1tray.dgn		134K
node3_endeff.dgn		9.9M
node2_staref.dgn		13M
umbil_stand2.dgn		7.1M
umbil_stand.dgn		7.1M
airlock_testaid.dgn		15M
assemblypma.dgn		3.8M
dolly.dgn		3.4M
adjust_table.dgn		17M
tpin_testaid.dgn		3.4M
/mpnt/gse/usa	Models located in the USA (Pertains to ownership) directory	
/mpnt/gse/usa/elect	Models located in the ELECT ( Electrical type GSE ) directory	
00146.dgn		59K
00698.dgn		131K
00809_b.dgn		223K
00809_t.dgn		234K
00886.dgn		480K
00887.dgn		30K
00919.dgn		31K
02148.dgn		95K
06039.dgn		32K
06041.dgn		31K
28v_pwr_sply.dgn		52K
28v_pwr_sply.dgn		44K
a.dgn		38K
ac_pwr.dgn		212K
apcu_cp.dgn		38K
apcu_pih.dgn		57K
apcu_pih1.dgn		57K
apcu_pih2.dgn		48K
datasm.dgn		70K
dc_pwr_srce.dgn		31K
dcps.dgn		33K
ddcu_hp.dgn		18K
ddcu_sim.dgn		20K
dpa.dgn		98K
glitz.dgn		20K
hatch_kit.dgn		95K
lbc_table.dgn		36K
mate3_racks.dgn		14K
mdm_feu.dgn		31K
n_emu.dgn		643K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
n_emu2.dgn		697K
ois_d.dgn		15K
pg1_vts.dgn		20K
pir.dgn		256K
plrpc.dgn		23K
pqsts_das.dgn		42K
pqsts_sltc.dgn		25K
roeu.dgn		162K
s_and_es.dgn		8b
saes_racks.dgn		88K
se07.dgn		125K
se23.dgn		86K
se25.dgn		32K
spctro.dgn		56K
spdu.dgn		16K
strongback.dgn		79K
t_apcu.dgn		37K
t_cmg_tc.dgn		92K
t_eva.dgn		19K
t_fe1012.dgn		11K
t_fe1042.dgn		42K
t_fe1053c.dgn		96K
t_fe1053r.dgn		96K
t_fe1226.dgn		45K
t_fe1285.dgn		52K
t_fe1309.dgn		54K
t_fe1401.dgn		34K
t_fe1413.dgn		34K
t_fe1415.dgn		32K
t_fe1424.dgn		28K
t_fe1442.dgn		28K
t_fe1443.dgn		34K
t_fe1444.dgn		22K
t_fep.dgn		26K
t_ivts.dgn		28K
t_ku_band.dgn		40K
t_n_emu_a.dgn		56K
t_n_emu_st.dgn		69K
t_pctest.dgn		32K
t_s_band.dgn		45K
t_se01.dgn		29K
t_se03.dgn		40K
t_se04.dgn		28K
t_se06.dgn		42K
t_se09.dgn		40K
t_se10.dgn		30K
t_se11.dgn		19K
t_se12.dgn		24K
t_se13.dgn		30K
t_se24.dgn		23K
t_se31.dgn		30K
t_sec.dgn		88K
t_sgs.dgn		90K
t_turfts.dgn		44K
t_uhf.dgn		16K
t_ups.dgn		40K
t_vcc.dgn		38K
tcds_1553_mon.dgn		23K
tcds_das.dgn		33K
temp_lips.dgn		220K
ups_pwr_spplly.dgn		23K
vac_pump.dgn		28K
vid_test_rks.dgn		48K
vid_test_rks1.dgn		44K
/mpnt/gse/usa/elect/racks	Models located in the RACKS directory	
1553pp.dgn		46K
audio.dgn		44K
breakdown.dgn		986K
c&t03.dgn		37K
dual_rack1.dgn		46K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
dual_rack2.dgn		48K
dual_rack3.dgn		14K
fep_rack1.dgn		113K
fep_racks.dgn		98K
half_rack.dgn		48K
half_rack1.dgn		44K
half_rack2.dgn		44K
mate.dgn		46K
mate1.dgn		61K
mdm.dgn		44K
pwr_conv_1.dgn		24K
pwr_conv_2.dgn		24K
rack_dolly.dgn		59K
rack1.dgn		30K
rack10.dgn		52K
rack11.dgn		46K
rack12.dgn		31K
rack13.dgn		33K
rack14.dgn		20K
rack15.dgn		23K
rack16.dgn		42K
rack17.dgn		25K
rack18.dgn		44K
rack19.dgn		44K
rack2.dgn		30K
rack20.dgn		46K
rack21.dgn		44K
rack22.dgn		44K
rack3.dgn		30K
rack4.dgn		30K
rack5.dgn		30K
rack6.dgn		30K
rack7.dgn		30K
rack8.dgn		38K
rack9.dgn		32K
sigi.dgn		44K
tcms_fep.dgn		46K
vsuscu.dgn		44K
/mpnt/gse/usa/fluids	Models located in the FLUIDS ( Fluid type GSE ) directory	
00692.dgn		116K
02001.dgn		168K
02001b.dgn		198K
02001c.dgn		126K
02001d.dgn		113K
02001e.dgn		250K
02002c.dgn		225K
02006.dgn		228K
20061.dgn		116K
20119.dgn		174K
av_cool_if.dgn		18K
avoncs_cool.dgn		22K
cart_3tanks.dgn		86K
fe1427.dgn		38K
ficp.dgn		80K
gacu.dgn		53K
glts.dgn		228K
iea_sim.dgn		53K
nh3_cart.dgn		154K
nh3_chill.dgn		24K
nh3_chillv.dgn		308K
nh3_fcic.dgn		126K
nh3_rcovry.dgn		16K
nh3_sensor.dgn		116K
nh3_vac_cart.dgn		16K
pma_assy.dgn		146K
rock_gn2pnl.dgn		58K
se17.dgn		36K
se20.dgn		93K
se21.dgn		66K
se22.dgn		80K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
se28.dgn		52K
t_20007.dgn		96K
t_20060.dgn		74K
t_fe1411.dgn		23K
t_se16.dgn		30K
t_se30.dgn		42K
t_wtcgee.dgn		103K
tank.dgn		64K
tank_1.dgn		97K
tank_2.dgn		172K
tank_cbc.dgn		65K
tank_eyewash.dgn		24K
tanks.dgn		56K
tanks_3.dgn		96K
thermsim.dgn		225K
waterserv.dgn		126K
wcj.dgn		198K
wdu.dgn		113K
/mpnt/gse/usa/mech	Models located in the MECH ( Mechanical type GSE ) directory	
aacsuffix.dgn		205K
beta_ml.dgn		170K
beta_ms.dgn		121K
cmg_hf.dgn		204K
cmg_mk.dgn		111K
oru_sc.dgn		64K
t_ascee.dgn		40K
t_cmg_lf.dgn		46K
t_cmg_sc.dgn		118K
t_cs_cab.dgn		56K
t_fe1022.dgn		45K
t_sgant.dgn		98K
t_v_ext.dgn		28K
/mpnt/gse/usa/misc	Models located in the MISC ( Miscellaneous type GSE and Equipment ) directory	
05a_testpc_grp.dgn		58K
4ft_wrksta.dgn		64K
4wh_dolly.dgn		53K
5ft_table.dgn		24K
5ft_wrksta.dgn		64K
6ft_table.dgn		22K
7ft_table.dgn		38K
apcug_2.dgn		108K
artboard.dgn		12K
beta_main_std.dgn		48K
bga_stand.dgn		82K
block1.dgn		16K
block10.dgn		20K
block11.dgn		20K
block12.dgn		19K
block13.dgn		19K
block14.dgn		19K
block15.dgn		19K
block16.dgn		19K
block17.dgn		19K
block18.dgn		20K
block19.dgn		20K
block2.dgn		19K
block20.dgn		20K
block21.dgn		20K
block22.dgn		19K
block23.dgn		14K
block24.dgn		20K
block25.dgn		20K
block26.dgn		16K
block27.dgn		16K
block28.dgn		16K
block29.dgn		16K
block3.dgn		19K
block30.dgn		19K
block31.dgn		16K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
block32.dgn		20K
block33.dgn		16K
block34.dgn		20K
block4.dgn		19K
block5.dgn		19K
block6.dgn		0b
block7.dgn		19K
block8.dgn		19K
block9.dgn		19K
cart_1.dgn		28K
cart_2.dgn		92K
cart_3.dgn		72K
cart_4.dgn		70K
cart_5.dgn		34K
cart_6.dgn		70K
chair1.dgn		42K
chair2.dgn		80K
chair3.dgn		110K
cmg_hold_fix.dgn		30K
comp_tabl.dgn		60K
comp_tabl_2.dgn		58K
comp_tabl_3.dgn		34K
dolly_1.dgn		37K
eme equip.dgn		58K
endsupport10_reap.dgn		264K
endsupport9_reap.dgn		264K
es10_reap.dgn		264K
es9_reap.dgn		264K
fence10.dgn		844K
fence12.dgn		153K
fence15.dgn		326K
fence20.dgn		436K
fence23.dgn		688K
fence25.dgn		548K
fence4.dgn		96K
fence5.dgn		173K
fence6.dgn		594K
fence7.dgn		162K
fence8.dgn		349K
fencepost1.dgn		17K
fencescissor.dgn		44K
fencescissor1.dgn		44K
fencescissor2.dgn		44K
fencescissor3.dgn		44K
fencescissor4.dgn		44K
fencescissor5.dgn		44K
fencescissor6.dgn		44K
fencescissor7.dgn		44K
fencescissor8.dgn		44K
fencescissor9.dgn		44K
fencescissoropen.dgn		126K
file_cab_5dr.dgn		22K
foot_mat.dgn		14K
foot_mat2.dgn		13K
foot_mat7.dgn		16K
fse_liftb2.dgn		100K
fse_liftbeam2.dgn		100K
fse_lru.dgn		213K
fse_lru_d.dgn		40K
fse_lru_dolly.dgn		40K
gse_boxes.dgn		12K
heat_exe_block.dgn		20K
lift_sling_sasa.dgn		264K
oru_sc1.dgn		82K
oru_sc2.dgn		20K
oscill.dgn		28K
oscilla.dgn		37K
pc.dgn		24K
pcs.dgn		24K
printer.dgn		20K
pva_ship.dgn		88K



FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
rail.dgn		15K
roll_shelf.dgn		48K
roll_toolbx.dgn		90K
shelf1.dgn		42K
shelf2.dgn		34K
sling2.dgn		34K
t_fe1445.dgn		36K
t_pc_ws.dgn		33K
table_bench.dgn		14K
table_up1.dgn		27K
table_up2.dgn		27K
table1.dgn		30K
table10.dgn		28K
table11.dgn		28K
table12.dgn		28K
table13.dgn		34K
table2.dgn		30K
table3.dgn		28K
table3a.dgn		13K
table4.dgn		92K
table5.dgn		27K
table6.dgn		40K
table7.dgn		34K
table8.dgn		28K
table9.dgn		24K
temp.dgn		15K
thlite_st1.dgn		22K
thlite_st2.dgn		24K
trashcan1.dgn		25K
vpu.dgn		250K
/mpnt/mmse/	Models located in the MMSE (Multi Mission Support Equipment) directory	
/mpnt/mmse/axaf/	Models located in the AXAF (Advanced X-Ray Astrophysics Facility) directory	
horz_slg.dgn		112K
mod_supt.dgn		96K
hif.dgn		166K
bif.dgn		112K
rot_slg.dgn		60K
rot_std.dgn		60K
/mpnt/mmse/canister/	Models located in the canister (Payload Canister) directory	
comb/transcanh_c.dgn	combined file of transported w/ canister in horizontal position w/ doors closed	1.6M
comb/transcanh.dgn	combined file of transported w/ canister in horizontal position w/ doors open	1.6M
nest/transcanv.dgn	nested file of transported w/ canister in vertical position w/ doors open	20K
nest/can_for_prot.dgn	nested file of canister w/ doors closed - origin change	28K
nest/transcanhc.dgn	nested file of transported w/ canister in horizontal position w/ doors closed	23K
nest/transcanvc.dgn	nested file of transported w/ canister in vertical position w/ doors closed	18K
nest/tran2canh.dgn	nested file of transported2 w/ canister in horizontal position w/ doors open	22K
nest/transcanh.dgn	nested file of transported w/ canister in horizontal position w/ doors open	14K
can_p_door.dgn		346K
can_s_door.dgn		257K
can.dgn		876K
/mpnt/mmse/guppy/	Models located in the guppy (guppy transporter) directory	
nest/guppy_oc.dgn	nested file of transporter configured for O&C facility	14K
nest/guppy_sspf.dgn	nested file of transporter configured for SSPF facility	14K
guppy_cover.dgn		171K
guppy_flat2.dgn		125K
guppy_flat.dgn		92K
guppy_base.dgn		106K
guppy_adj.dgn		52K
/mpnt/mmse/hydroset/	Models located in the hydroset directory	
hydroset.dgn		84K
hy_rings.dgn		18K
/mpnt/mmse/ipt/	Models located in the ipt (In-Plant Transporter) directory	
ipt_hcslgs.dgn		58K
iptpallet.dgn		138K
ipt_hcslgp.dgn		58K
ipt_hrhc.dgn		712K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
ipt_topc.dgn		342K
ipt_tclsg.dgn		152K
iptfwd.dgn		100K
iptaft.dgn		97K
/mpnt/mmse/kmeg/ kmag_all.dgn	Models located in the kmeg (new transporter built by Kamag) directory	2.0M
cab.dgn		160K
kmag_lowest.dgn		2.0M
test.dgn		26K
kmag2.dgn		2.9M
kmag_solidedge.dgn		1018K
kmag_base.dgn		195K
kmag_lad.dgn		22K
kmag_hr.dgn		2.0M
generator.dgn		23K
nest/kamg_wcan.dgn	nested file of transported w/ canister	44K
nest/kmag.dgn	nested file of transported	47K
nest/kmag_whr.dgn	nested file of transported w/ handrails	
/mpnt/mmse/misc/ electug.dgn	Models located in the miscellaneous directory	47K
lift2.dgn		216K
talltoolbx.dgn		44K
lift3.dgn		213K
hook_s.dgn		112K
scissor_d.dgn		354K
hook.dgn		334K
scissor.dgn		527K
clevis.dgn		348K
smtoolbx.dgn		27K
/mpnt/mmse/mplm/ mplm_cov.dgn	Models located in the MPLM (Multipurpose Pressurized Logistic Module) directory	237K
mplm_cont.dgn		585K
mplm_trans.dgn		153K
nest/transmplm.dgn	nested file of MPLM transporter	14K
/mpnt/mmse/oetc/ oetc_cont.dgn	Models located in the oetc (Oversize Element Transportation Cradle) directory	38K
oetc_cont_b.dgn		30K
oetc_cont_c.dgn		21K
nested/oetc_tran.dgn	nested file of oetc transporter	24K
/mpnt/mmse/pets/ muc.dgn	Models located in the pets (Payload Environmental Transportation System) directory	579K
muctrlr.dgn		37K
/mpnt/mmse/pva_can/ arraycan.dgn	Models located in the pva_can (Photo Voltaic Array _ Canister) directory	148K
/mpnt/mmse/scts/ electug.dgn	Models located in the scts directory - Now called the Universal Payload Support System	224K
scts.dgn		374K
aftbogie.dgn		226K
sctsjcks.dgn		145K
semi4x.dgn		180K
lift_dol.dgn		468K
lift_sb.dgn		416K
airbear.dgn		27K
fifth.dgn		144K
lift_fix.dgn		116K
/mpnt/mmse/slings/ oc_spread_beam.dgn	Models located in the slings (general slings) directory	34K
ippla.dgn		122K
lift_sling.dgn		64K
rainbri_sling.dgn		28K
/mpnt/mmse/stback/ cela_drod_ap.dgn	Models located in the stback (strong-back) directory	62K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
cela_drod_fp.dgn		68K
cela_drod_as.dgn		59K
cela_drod_fs.dgn		68K
stb_onc_fr.dgn		198K
nested/cela.dgn	nested file of CELA (Cargo Element Lifting Assembly)	19K
nested/cela_ulc.dgn	nested file of CELA configured for the ULC (not used)	23K
nested/sbk_onc.dgn	nested file of O&C strong-back	44K
nested/cela_s.dgn	nested file of CELA configured for storage	14K
nested/cela_ssrms.dgn	nested file of CELA configured for the SSRMS (not used)	348K
nested/sbk_p1.dgn	nested file of O&C strong-back configured for ISS Truss Element P1	52K
cela1.dgn		806K
cela_st.dgn		74K
stb_transport.dgn		79K
cela_fr.dgn		111K
stb_drod_ap.dgn		61K
stb_drod_fp.dgn		53K
stb_drod_as.dgn		57K
stb_drod_fs.dgn		54K
/mpnt/mmse/tos/	Models located in the tos (Transfer Orbiter Stage) directory (old acronym now MBD)	
sling.dgn		94K
cover.dgn		16K
tos_tp.dgn		300K
nested/mbd.dgn	nested file of MBD (Mobile Buildup Device)	28K
nested/mbd_o.dgn	nested file of MBD - operational	28K
/mpnt/mmse/trans/	Models located in the trans (Payload Canister Transporters) directory	
transp2.dgn		282K
trans1.dgn		290K
airride_trail.dgn		356K
/mpnt/mmse/vehicle/	Models located in the vehicle (vehicles) directory	
old/flat_bed.dgn		860K
old/truck.dgn		778K
old/loboy.dgn		206K
truckpurge.dgn		294K
orbiter_tow_bar.dgn		60K
orbiter_tug.dgn		70K
50ft_fbed.dgn		247K
trukcool.dgn		298K
tanker.dgn		292K
trailer.dgn		82K
wh_set1.dgn		38K
truck2.dgn		229K
nested/fb_sbk.dgn	nested file of a flatbed truck with the O&C strong-back	15K
cab_1.dgn		115K
fbed_1.dgn		96K
gas_tanker.dgn		306K
elec_flat.dgn		124K
forklift.dgn		92K
muctrlr.dgn		36K
truk_ecs.dgn		394K
van.dgn		132K
sprdlboy.dgn		191K
/mpnt/oldnfs/nfs8	Models located in the are old and unused	
/mpnt/oldnfs/nfs8/sts30	Models located in the STS30 (old mission) directory	
mag1.dgn		14K
inflight.dgn		280K
ius.dgn		268K
/mpnt/oldnfs/nfs8/sts34	Models located in the STS34 (old mission) directory	
ogalileo.dgn		312K
/mpnt/oldnfs/nfs8/sts37	Models located in the STS37 (old mission) directory	
orbgro.dgn		728K
vpfducts.dgn		24K
plenum.dgn		33K
b_ducts.dgn		24K
/mpnt/oldnfs/nfs8/sts39	Models located in the STS39 (old mission) directory	

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
stp1.dgn		730K
pts_ibs.dgn		28K
pts_afp.dgn		106K
pts_stp.dgn		32K
ibssso.dgn		236K
afpo.dgn		109K
/mpnt/oldnfs/nfs8/sts41	Models located in the STS41 (old mission) directory	
ulyplat.dgn		60K
pam-s.dgn		400K
oulysses.dgn		399K
ulplat2.dgn		60K
ius_gse.dgn		142K
pamplat.dgn		86K
/mpnt/oldnfs/nfs8/sts46	Models located in the STS46 (old mission) directory	
pts_tss.dgn		63K
eurecaoc.dgn		229K
tssgseoc.dgn		672K
tssalloc.dgn		1.7M
icbcoc.dgn		70K
tssmioc.dgn		28K
eoimoc.dgn		617K
/mpnt/oldnfs/nfs8/sts49	Models located in the STS49 (old mission) directory	
intelsat.dgn		572K
/mpnt/oldnfs/nfs8/sts51	Models located in the STS51 (old mission) directory	
points_o.dgn		36K
acts.dgn		118K
tos.dgn		279K
toseva.dgn		82K
hydra.dgn		98K
lifting.dgn		230K
acts_opn.dgn		176K
points_t.dgn		110K
dshield.dgn		14K
ratchet.dgn		24K
act_tos.dgn		381K
orfeus.dgn		336K
boom.dgn		26K
points_a.dgn		14K
opf/bspike36.dgn		157K
opf/tos36.dgn		170K
opf/tos.dgn		392K
opf/bspike42.dgn		150K
opf/tos42.dgn		170K
opf/buck_tek.dgn		228K
opf/opfplb.dgn		282K
/mpnt/oldnfs/nfs8/sts52	Models located in the STS52 (old mission) directory	
irisopen.dgn		562K
usmcryo.dgn		43K
iris.dgn		538K
aspoc.dgn		87K
pts_usm.dgn		14K
usmpoc.dgn		1.2M
/mpnt/oldnfs/nfs8/sts54	Models located in the STS54 (old mission) directory	
dxs3d.dgn		430K
ntdrsdb.dgn		64K
tdrsdb.dgn		15K
ius_tdrs.dgn		191K
/mpnt/oldnfs/nfs8/sts56	Models located in the STS56 (old mission) directory	
shoot.dgn		536K
pts_sho.dgn		36K
sphab3.dgn		87K
sp201oc.dgn		536K
atlas2oc.dgn		574K
pts_at2.dgn		58K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
flexhose.dgn		80K
oderac.dgn		70K
ssbuva.dgn		76K
/mpnt/oldnfs/nfs8/sts60	Models located in the STS60 (old mission) directory	
pts_wsf.dgn		20K
wsfoc.dgn		880K
spahab2.dgn		37K
oderac.dgn		70K
caploc.dgn		720K
wsfdetach.dgn		898K
/mpnt/oldnfs/nfs8/sts61	Models located in the STS61 (old mission) directory	
oruc.dgn		934K
fss.dgn		750K
sac.dgn		1.5M
pnts_fss.dgn		78K
pnts_sac.dgn		50K
pnts_oruc.dgn		55K
robotics/oruc_rob.dgn		937K
/mpnt/oldnfs/nfs8/sts62	Models located in the STS62 (old mission) directory	
oast2.dgn		528K
usmp2.dgn		1.1M
pts_oa2.dgn		32K
edo.dgn		152K
/mpnt/oldnfs/nfs8/sts63	Models located in the STS63 (old mission) directory	
sp204.dgn		541K
spahab3.dgn		37K
cgpoc.dgn		730K
/mpnt/oldnfs/nfs8/sts64	Models located in the STS64 (old mission) directory	
gba.dgn		858K
sp201_2.dgn		539K
freon64.dgn		86K
pts_lit.dgn		14K
tethtek.dgn		308K
pts_sp2.dgn		55K
lite1.dgn		554K
sip_plb.dgn		42K
/mpnt/oldnfs/nfs8/sts66	Models located in the STS66 (old mission) directory	
heconsol.dgn		85K
cricent.dgn		98K
criport.dgn		92K
vpfdew2.dgn		94K
pts_at3.dgn		28K
cristar.dgn		94K
atlas3oc.dgn		586K
vpfdew1.dgn		94K
crigse.dgn		96K
cristaoc.dgn		82K
pts_cri.dgn		318K
atlas3onc/paplat.dgn		54K
atlas3onc/psalad.dgn		169K
atlas3onc/oldpass.dgn		34K
atlas3onc/atlasonc.dgn		708K
atlas3onc/ws3onc.dgn		182K
/mpnt/oldnfs/nfs8/sts67	Models located in the STS67 (old mission) directory	
astro2.dgn		496K
/mpnt/oldnfs/nfs8/sts69	Models located in the STS69 (old mission) directory	
armsto.dgn		72K
sp201_3.dgn		715K
hhpylds.dgn		1.2M
wsf_2.dgn		880K
wsf_1.dgn		217K
ieh_1.dgn		634K
s69.dgn		95K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
capl_2.dgn		720K
orbiterh.dgn		1.9M
/mpnt/oldnfs/nfs8/sts71	Models located in the STS71 (old mission) directory	
mir71.dgn		62K
mr1opf.dgn		56K
mr1orb.dgn		18K
fit_mr1.dgn		180K
seatpack/sltunint.dgn		657K
seatpack/rseat.dgn		217K
seatpack/seatpak9.dgn		221K
seatpack/seatpak8.dgn		220K
seatpack/seatpak7.dgn		219K
seatpack/seatpak6.dgn		220K
seatpack/seatpak5.dgn		218K
seatpack/rseatold.dgn		137K
seatpack/seatpak4.dgn		216K
seatpack/seatpak3.dgn		14K
seatpack/mvakoc.dgn		232K
seatpack/seatpak2.dgn		214K
seatpack/seatpak1.dgn		214K
/mpnt/oldnfs/nfs8/sts72	Models located in the STS72 (old mission) directory	
sp201oc.dgn		537K
gba.dgn		785K
pts_sfu.dgn		26K
sfuvpf_pt.dgn		18K
pts.dgn		278K
hydroset.dgn		98K
ptrd.dgn		216K
seed.dgn		9.0K
lift2.dgn		229K
sfu.dgn		252K
lift3.dgn		226K
transp1.dgn		254K
setup.dgn		22K
ipppla.dgn		350K
plcan.dgn		4.0M
CAN.dgn		23K
ptrdbox.dgn		240K
/mpnt/oldnfs/nfs8/sts74	Models located in the STS74 (old mission) directory	
ods.dgn		350K
plsb_sd.dgn		276K
kbottle.dgn		208K
tunoc.dgn		23K
pres_reg.dgn		64K
lo_press.dgn		120K
tel_mr2.dgn		80K
fit_mr2.dgn		358K
cap_mr2.dgn		66K
mdm.dgn		719K
mr2orb.dgn		557K
mir/ods.dgn		348K
mir/kristall.dgn		228K
mir/tunhoc.dgn		21K
mir/hhpylds.dgn		940K
mir/priroda.dgn		188K
mir/mircore.dgn		796K
mir/tsf_mr2.dgn		64K
mir/kvant2.dgn		163K
mir/spektr.dgn		184K
mir/mdm.dgn		718K
mir/soyuz.dgn		80K
mir/mirpic2.dgn		90K
mir/kvant1.dgn		172K
mir/orbiterh.dgn		22b
sspf/mdmscaf.dgn		70K
sspf/mdmstand.dgn		109K
horiz/mr2space.dgn		90K
horiz/mr2opf.dgn		90K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
horiz/tsf_mr2.dgn		4.2M
canister/vpfstep.dgn		160K
canister/mdmsling.dgn		130K
canister/mdmhoc.dgn		717K
canister/mdmcanh.dgn		15K
canister/transcanh.dgn		1.7M
/mpnt/oldnfs/nfs8/sts75	Models located in the STS75 (old mission) directory	
tss1rml.dgn		28K
usmp3.dgn		1.2M
tss1r.dgn		1.9M
fgp_tssr.dgn		164K
fit_tssr.dgn		358K
cap_tssr.dgn		66K
tel_tssr.dgn		79K
tss1rorb.dgn		30K
tss1rpr.dgn		22K
fit_usmp3.dgn		358K
cablebr.dgn		91K
deployed/usmp3.dgn		1.2M
deployed/orbiter.dgn		2.0M
deployed/tssdep.dgn		1.6M
deployed/tsssat3.dgn		681K
deployed/tsssat2.dgn		681K
deployed/tssmli.dgn		31K
deployed/tsssat1.dgn		681K
/mpnt/oldnfs/nfs8/sts76	Models located in the STS76 (old mission) directory	
shtunhoc.dgn		290K
sphabsmh.dgn		53K
/mpnt/oldnfs/nfs8/sts77	Models located in the STS77 (old mission) directory	
teams.dgn		933K
/mpnt/oldnfs/nfs8/sts78	Models located in the STS78 (old mission) directory	
bspike42.dgn		150K
tsforb.dgn		1.1M
spalab78.dgn		239K
opf78sl.dgn		18K
edohoc.dgn		152K
bri_b78.dgn		494K
lms_racks/rack_78.dgn		76K
lms_racks/sllm_78.dgn		236K
/mpnt/oldnfs/nfs8/sts79	Models located in the STS79 (old mission) directory	
mr4opf.dgn		936K
sphabdmh.dgn		42K
/mpnt/oldnfs/nfs8/sts82	Models located in the STS82 (old mission) directory	
fss2.dgn		808K
sac2.dgn		588K
ext_al.dgn		348K
oruc2.dgn		1.1M
sip_plb.dgn		42K
sgi/f_ttf.dgn		158K
sgi/palhor.dgn		332K
sgi/oruchor.dgn		709K
sgi/fsshor.dgn		348K
sgi/sdolly.dgn		128K
sgi/f_sling.dgn		95K
sgi/o_psst.dgn		130K
sgi/fcradle.dgn		512K
sgi/sachor.dgn		524K
/mpnt/oldnfs/nfs8/sts83	Models located in the STS83 (old mission) directory	
sllm_83.dgn		238K
rack_83.dgn		128K
/mpnt/oldnfs/nfs8/sts87	Models located in the STS87 (old mission) directory	
sp201oc.dgn		573K
usmp4.dgn		1.7M

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
pts_us4.dgn		8.5K
vafb099.dgn		53K
usmp4old.dgn		1.8M
us4orb.dgn		24K
us4pcr.dgn		24K
orbplb.dgn		24b
edo.dgn		152K
armdep.dgn		24b
/mpnt/oldnfs/nfs8/sts92	Models located in the STS92 (old mission) directory	
ppp.dgn		62K
ppp1.dgn		62K
03aorb.dgn		26K
03a_z1.dgn		157K
z1oc.dgn		914K
ssusd.dgn		55K
pmaoc.dgn		767K
vafb099.dgn		53K
vafb089.dgn		54K
plsb_v99.dgn		204K
fit_ods.dgn		184K
orbplb.dgn		36K
03aorb1.dgn		26K
03a_pma.dgn		768K
armdep.dgn		72K
/mpnt/oldnfs/nfs8/sts93	Models located in the STS93 (old mission) directory	
orbiterv.dgn		3.0M
axforbb.dgn		24K
axforbc.dgn		24K
axaf.dgn		886K
axforba.dgn		24K
axfvpf.dgn		19K
iusorb.dgn		24K
iuspcr.dgn		18K
axaf_ius.dgn		227K
orbplb.dgn		40K
axforb.dgn		24K
/mpnt/oldnfs/nfs8/atlas1	Models located in the ATLAS1 (old mission) directory	
opt3.dgn		354K
rs.dgn		870K
igloo.dgn		208K
astro2.dgn		536K
astro1.dgn		741K
atltop.dgn		336K
/mpnt/oldnfs/nfs8/stsafe	Models located in the STSAFE (old mission) directory	
afepart.dgn		41K
afesprt.dgn		204K
afepal2.dgn		34K
tiger.dgn		178K
afeorb.dgn		1.4M
airbk.dgn		22K
/mpnt/oldnfs/nfs8/mirmodels	Models located in the MIRMODELS (old mission) directory	
ods.dgn		350K
kristall.dgn		228K
ods_stun.dgn		348K
tunhoc.dgn		21K
shtunhoc.dgn		106K
sllmhoc.dgn		226K
priroda.dgn		188K
mircore.dgn		796K
kvant2.dgn		163K
spektr.dgn		184K
mdm.dgn		718K
soyuz.dgn		80K
kvant1.dgn		172K
vert/tunoc.dgn		22K
vert/sllmvoc.dgn		365K



FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
vert/odsvoc.dgn		350K
/mpnt/oldnfs/nfs8/robotics	Models located in the ROBOTICS (old mission) directory	
oruc_rob.dgn		943K
<b>Total File Count = 2275</b>		
<b>Designer Workbench Files:</b>		
<b>Hangar AE</b>		
<b>ae_5ton_crane.dwb</b>	AE 5-Ton Crane	2450
<b>AE_hbay-door.dgn</b>		
diamond_s.rgb		
<b>ae_doors.dwb</b>	AE Doors	30
<b>AE_hbay-door.dgn</b>		
AE_door4.rgb		
AE_alum.rgb		
AE_crnk2.rgb		
AE_crnk2.rgb		
<b>ae_airlock.dwb</b>	AE Airlock	642
<b>airlk.dgn</b>		
ae_airlk_clg.rgb		
AE_compair.rgb		
AE_spots.rgb		
wallvent.rgb		
<b>ae_highbay.dwb</b>	AE Highbay	1688
<b>AE_highbay.dgn</b>		
AE_spots.rgb		
wallvent.rgb		
AE_oll.rgb		
AE_frext.rgb		
wall_t_tan.rgb		
ae_lowerwall.rgb		
AE_compair.rgb		
AE_instr.rgb		
AE_extcab.rgb		
AE_almb1.rgb		
AE_mic.rgb		
AE_crnectrl.rgb		
AE_emgdiscnt.rgb		
AE_pnl04.rgb		
AE_cnelog.rgb		
AE_door01.rgb		
AE_dbdr.rgb		
AE_PNL02.rgb		
AE_door03.rgb		
AE_door02.rgb		
AE_door05.rgb		
AE_obsrwin.rgb		
<b>MPPF</b>		
<b>mppf_hb.dwb</b>	MPPF High-bay	2310
<b>mppf.dgn</b>		
<b>mppf_ct.dgn</b>		
mppf_floor2.rgb		
mppf_wall2a.rgb		
mppf_ceiling.rgb		
mppf_wall2.rgb		
observ.rgb		
3rcpt.rgb		
blink_pnl.rgb		
ba_pnl.rgb		
crane_cntrl.rgb		
crane_pnl.rgb		
cam_pnl.rgb		
cctv_pnl.rgb		
door_emerg.rgb		
doors equip.rgb		
door_airshwr.rgb		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
door_westwall.rgb		
fire_cabinet.rgb		
fire_pullbox.rgb		
fire_sign.rgb		
fire_alarm_pnl.rgb		
pnl_high.rgb		
oisd_pnl.rgb		
pnl_gas_open.rgb		
pnl_tcd.rgb		
rack_side29.rgb		
rack_front39.rgb		
new_camera2.rgb		
vent_wall.rgb		
lad_rungs.rgb		
hazgas_pnl.rgb		
<b>mppf_al.dwb</b>	MPPF Airlock	2386
<b>mppf_add.dgn</b>		
al_ceiling.rgb		
al_pnl1.rgb		
al_wallites.rgb		
al_wallvac.rgb		
al_pnl2.rgb		
alarm_wall.rgb		
al_exitsign.rgb		
al_gas_pnl.rgb		
al_cabinet.rgb		
al_cabinet_side.rgb		
acart1.rgb		
acart2.rgb		
al_shelf.rgb		
al2hb_door.rgb		
blue_safe.rgb		
blue_safetop.rgb		
blue_safeside.rgb		
cabinet_brwn.rgb		
cabletray.rgb		
cd_clock.rgb		
door_al.rgb		
emer_exit_dr.rgb		
fire_pnl.rgb		
fire_sign.rgb		
fire_cabinet.rgb		
ba_pnl.rgb		
ground_plate.rgb		
hose_vaccum.rgb		
if_panel.rgb		
mppf_ceiling.rgb		
mppf_wall2a.rgb		
mppf_floor2.rgb		
mppfal_wall.rgb		
lad_rungs.rgb		
oisd_pnl.rgb		
pnl_tcd.rgb		
pnl_high.rgb		
panel_pwr.rgb		
panel_doorcntl.rgb		
phone_wall.rgb		
rack_side29.rgb		
rack_front39.rgb		
rack_side1.rgb		
safe_5drawer.rgb		
safe_1dr.rgb		
safe_brwn.rgb		
spkr.rgb		
vent_wall.rgb		
<b>mppf_comm.dwb</b>	MPPF Comm. Room	5993
<b>mppf.dgn</b>		
<b>mppf_ct.dgn</b>		
<b>comm_pnl.dgn</b>		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
<b>acvent.dgn</b>		
al_exitsign.rgb		
alarm_wall.rgb		
comm_acvent.rgb		
comm_ceilinglite.rgb		
comm_dbldoor1.rgb		
comm_dbldoor2.rgb		
comm_edoor.rgb		
comm_pipes1.rgb		
comm_pipes2.rgb		
comm_pipes3.rgb		
comm_pnl1.rgb		
comm_pnlback.rgb		
comm_pnls.rgb		
comm_sidepnl.rgb		
comm_wall.rgb		
comm1_iems.rgb		
comm2_oisd.rgb		
comm3_paw.rgb		
comm4_ess.rgb		
comm5_cws.rgb		
commdiv_wall.rgb		
cabletray.rgb		
cabinet_brwn.rgb		
door_south.rgb		
fire_sign.rgb		
if_panel.rgb		
firextng_cabinet.rgb		
firealarm_box.rgb		
lad_rungs.rgb		
light_switch.rgb		
panel2.rgb		
panel3.rgb		
phone_wall.rgb		
panel_cwside.rgb		
rack_13700.rgb		
rack_13701.rgb		
rack_13702.rgb		
rack_13703.rgb		
rack_13689.rgb		
rack_13692.rgb		
rack_13691.rgb		
rack_s2lpx.rgb		
raisedfloor.rgb		
safe_side.rgb		
trans_pnl.rgb		
transfrm1.rgb		
transfrm_top.rgb		
transfrm_side.rgb		
<b>mppf_hbdoors.dwb</b>	MPPF High-bay Doors	60
<b>mppf.dgn</b>		
<b>mppf_aldoors.dwb</b>	MPPF Airlock Doors	72
<b>mppf.dgn</b>		
rollup_door.rgb		
al_exthb_door.rgb		
<b>mppf_crane.dwb</b>	MPPF Crane	7050
<b>mppf_crane.dgn</b>		
mppfcrane_id.rgb		
mppfcrane_dir.rgb		
<b>mppf_tent.dwb</b>	MPPF Clean Tent	436
<b>filter_bank.dgn</b>		
<b>tent.dgn</b>		
mppfal_wall.rgb		
filter_bank.rgb		
vent_wall.rgb		
<b>O&amp;C</b>		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
<b>onc_horiz_cub.dwb</b>	Horizontal. Cradle For Moving OMS Pod	5416
<b>horiz_cub_0.dgn</b>		
diamond_s.rgb		
lad_rungs.rgb		
<b>onc_floor.dwb</b>	O&C Floor	2962
<b>ocnfloor_0.dgn</b>		
onc_floor01.rgb		
panels035.rgb		
yel_stripes.rgb		
diamond_w.rgb		
fence_dark.rgb		
<b>onc_proc_rm.dwb</b>	O&C Proc Room	115
<b>oc_proc_rm0.dgn</b>		
onc_floor01.rgb		
<b>onc_ceiling.dwb</b>	O&C Ceiling	6
<b>oncceiling_0.dgn</b>		
ceilin_light.rgb		
<b>onc_lbcrane_e.dwb</b>	Crane, low bay	5510
<b>onc_lbcrane_w.dwb</b>		5410
<b>onc_lbcrane_e.dgn</b>		
<b>onc_lbcrane_w.dgn</b>		
hrail_blk.rgb		
crane_dir.rgb		
<b>onc_atm_all.dwb</b>	O&C ATM Wall	536
<b>atm_0.dgn</b>		
atmken.rgb		
atmken2.rgb		
atmark.rgb		
atm_stair1.rgb		
atmlev1a.rgb		
atmlev1b.rgb		
atmlev1c.rgb		
atmlev1e.rgb		
diamond_w.rgb		
hrail_short.rgb		
hrailwhite.rgb		
lad_white.rgb		
raisedfloor.rgb		
<b>onc_tanks.dwb</b>	O&C Tanks	6239
<b>onctanks_0.dgn</b>		
diamond_w.rgb		
<b>onc_teststand2.dwb</b>	O&C Test Stand	12749
<b>oncteststd2_0.dgn</b>		
diamond_w.rgb		
raisedfloor.rgb		
grating.rgb		
oncfuid.rgb		
<b>onc_teststand3.dwb</b>	O&C Test Stand	12749
<b>oncteststd3_0.dgn</b>		
diamond_w.rgb		
raisedfloor.rgb		
grating.rgb		
oncfuid.rgb		
<b>onc_teststand4.dwb</b>	O&C Test Stand	11646
<b>oncteststd4_0.dgn</b>		
diamond_w.rgb		
raisedfloor.rgb		
grating.rgb		
oncfuid.rgb		
<b>onc_hbfence.dwb</b>	O&C High Bay Fence	1092
<b>onc_fence.dgn</b>		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
fence_dark.rgb		
<b>onc_northwall.dwb</b>	O&C North Wall	7710
<b>oncnorth_0.dgn</b>		
<b>xonc_ducts.dgn</b>		
<b>onc_nwcable.dgn</b>		
door070_25b.rgb		
cable.rgb		
panel1042.rgb		
panel1061.rgb		
oc_10.rgb		
oc_5.rgb		
oc_5a.rgb		
oc_b.rgb		
panel050.rgb		
onclfluid.rgb		
oc_21.rgb		
panel054.rgb		
vent_hi.rgb		
exit_sign.rgb		
firepul056.rgb		
if_panel.rgb		
oc_38.rgb		
fire_ex.rgb		
oc_7.rgb		
pl_elev_b.rgb		
oc_tvmonitor.rgb		
oc_cabinet.rgb		
sign_exit.rgb		
oc_cab_side.rgb		
alum01.rgb		
louver_256.rgb		
vpf_wall2.rgb		
<b>onc_southwall.dwb</b>	O&C South Wall	1542
<b>oncsouth_0.dgn</b>		
door070_256.rgb		
door055a_256.rgb		
door018.256.rgb		
alum01.rgb		
louver_white256.rgb		
louver_256.rgb		
oc_74.rgb		
oc_88.rgb		
oc_90.rgb		
target_052.rgb		
oc_particle.rgb		
fire_ex.rgb		
oc_tvmonitor.rgb		
oc_7.rgb		
oc_ois_pnl.rgb		
oc_conduitpnl.rgb		
oc_cabinet.rgb		
oc_cab_side.rgb		
vpf_wall2.rgb		
<b>onc_hbcrane.dwb</b>	O&C Crane	5378
<b>onc_hbcrane_w.dgn</b>		
hrail_blk.rgb		
crane_dir.rgb		
<b>onc_lab_emu.dwb</b>	Lab Emulator	4040
<b>lab_emu_1.dgn</b>		
<b>lab_emu_2.dgn</b>		
<b>lab_emu_1ddr.dgn</b>		
cb_tray_4.rgb		
lab_emu_7.rgb		
lab_emu_1ddr.rgb		
lab_emu_1ddr2.rgb		
lab_emu_1ddr3.rgb		
lab_emu_1ddr7.rgb		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
lab_emu_lddr8.rgb		
lab_emu_lddr9.rgb		
lab_emu_13b.rgb		
lab_emu_2c.rgb		
lab_emu_2d.rgb		
wheel_bk_1.rgb		
wheel_fr_1.rgb		
wheel_sd_1.rgb		
diamond_s.rgb		
<b>onc_fl_ct.dwb</b>	O&C cable	2048
<b>onc_cable_0.dgn</b>		
lab_rungs.rgb		
<b>OPF</b>		
<b>opf_bridge9a.dwb</b>	Bridge 9a	7327
<b>bridgea.dgn</b>		
diamond_s.rgb		
hrail.rgb		
<b>opf_aftbridge.dwb</b>	Aft Bridge	9038
<b>opfstand2.dgn</b>		
diamond_s.rgb		
hrail_end.rgb		
hrail.rgb		
stripes.rgb		
<b>opf_mezz.dwb</b>	Caged work and logistics area	4374
<b>opfmexx.dgn</b>		
fence_dark.rgb		
hrail.rgb		
hrail_end.rgb		
<b>opf_crane.dwb</b>	Crane, OPF	3265
<b>opfcrane.dgn</b>		
diamond_s.rgb		
hrail.rgb		
opfcrane2.rgb		
<b>opf_bridge9a.dwb</b>	Bridge 9a	7327
<b>bridgea.dgn</b>		
diamond_s.rgb		
hrail.rgb		
<b>opf_aftbridge.dwb</b>	Aft Bridge	9038
<b>opfstand2.dgn</b>		
diamond_s.rgb		
hrail_end.rgb		
hrail.rgb		
stripes.rgb		
<b>opf_mezz.dwb</b>	Caged work and logistics area	4374
<b>opfmexx.dgn</b>		
fence_dark.rgb		
hrail.rgb		
hrail_end.rgb		
<b>oms_h_cradle.dwb</b>	OMS Cradle	696
<b>oms_h_cradle.dgn</b>		
<b>opf_swingplat_A.dwb</b>	OPF Swing Platform	14310
<b>opfswing_all.dgn</b>		
diamond_w.rgb		
diamond_s.rgb		
opf_plat_numbr.rgb		
<b>opf_stand_A.dwb</b>	OPF Stand	20620
<b>opfstand_all.dgn</b>		
diamond_s.rgb		
opfhrail1.rgb		
opfhrail2.rgb		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
opfhrail3.rgb		
opfhrail4.rgb		
opfhrail5.rgb		
opfhrail6.rgb		
hrail_end.rgb		
hrail.rgb		
<b>opf_he_pipe_A.dwb</b>	OPF2 Helium Pipe	4494
<b>he_piping.dgn</b>		
<b>opf_swingdrive_A.dwb</b>	OPF2 Swing Drive	8896
<b>opfswingdrive.dgn</b>		
<b>PHSF</b>		
<b>phsf_int_walls.dwb</b>	PHSF Interior Walls	990
<b>phsfint0.dgn</b>		
west_wall.rgb		
bridgebase_vpf.rgb		
im150.rgb		
grating.rgb		
doors_equip2.rgb		
wall_upper.rgb		
wall_whole.rgb		
floor.rgb		
track_doorside.rgb		
wall_plain.rgb		
track_bottom.rgb		
floor.rgb		
track_doorside.rgb		
wall_plain.rgb		
track_bottom.rgb		
<b>phsf_doors.dwb</b>	PHSF Doors	54
<b>phsf_doors.dgb</b>		
door_outside.rgb		
door_hbaccess.rgb		
<b>phsf_walltex.dwb</b>	PHSF Wall Textures	256
<b>phsf_walls.dgn</b>		
pnl_98psi.rgb		
pnl_150psi.rgb		
pnl_gauge.rgb		
pnl_window.rgb		
pnl_smups.rgb		
vent_v.rgb		
pnl_ups2.rgb		
vent_v.rgb		
ois_pnl.rgb		
phone.rgb		
fire_ext.rgb		
door_airshwr.rgb		
observ_window1.rgb		
door_emerg.rgb		
observ_window3.rgb		
observ_window2.rgb		
fire_ext.rgb		
pnl_doorcnt1.rgb		
door_emerg2.rgb		
pnl_vented.rgb		
pnl_purge.rgb		
pnl_1000psi.rgb		
pnl_ballvalve.rgb		
sign_exit.rgb		
pnl_valve.rgb		
patchpnl Rack.rgb		
vent_hi.rgb		
pnl_deluge.rgb		
flag_us.rgb		
nasa_phsf.rgb		
mars_observer.rgb		
gmt_clock.rgb		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
door_alentry.rgb		
pnl_confspace.rgb		
<b>phsf_al_crane.dwb</b> <b>al_crane_0.dgn</b>	PHSF Airlock Crane	3800
<b>phsf_hbcrane_e.dwb</b> <b>hb_crane_e.dgn</b>	PHSF Highbay Crane - East	5066
im139.rgb		
<b>phsf_hbcrane_w.dwb</b> <b>hb_crane_w.dgn</b>	PHSF Highbay Crane - West	4478
im139.rgb		
<b>blstshld_4.dwb</b> <b>blst_shld.dgn</b>	Blast shield	16
<b>hvam.dwb</b> <b>hvam.dgn</b>	HVAM (Hazardous Monitor)	76
<b>SAEF 2</b>		
<b>hb01.dwb</b> <b>hb01.dgn</b>	SAEF2 Highbay Interior	1121
saef2007.rgb		
saef2009.rgb		
saef2011.rgb		
saef2015.rgb		
saef2017.rgb		
saef2023.rgb		
saef2024.rgb		
saef2025.rgb		
saef2029.rgb		
saef2031.rgb		
saef2032.rgb		
saef2033.rgb		
saef2033B.rgb		
saef2b_066.rgb		
saef2c_131.rgb		
saef2b_091.rgb		
saef2b_092.rgb		
saef2b_074.rgb		
saef2b_069.rgb		
saef2036.rgb		
saef2005.rgb		
saef2039.rgb		
saef2041.rgb		
saef2041b.rgb		
saef2045.rgb		
saef2047.rgb		
saef2051.rgb		
saef2053.rgb		
saef2045b.rgb		
tan.rgb		
im142.rgb		
im150.rgb		
im082.rgb		
im085.rgb		
im86.rgb		
d4_concrete.rgb		
floor2.rgb		
wall2.rgb		
im88_25.rgb		
im9_47.rgb		
im51.rgb		
im49.rgb		
tan2.rgb		
<b>hb01_crane.dwb</b> <b>hb01.dgn</b>	SAEF2 Highbay Bridge Crane	3130
hrail.rgb		



FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
hrail_end.rgb		
im139.rgb		
<b>hb01_door.dwb</b>	SAEF2 Highbay Door - Opens to Airlock	38
<b>hb01.dgn</b>		
saef2007.rgb		
im102.rgb		
<b>hb01_oven.dwb</b>	SAEF2 Highbay Oven	100
<b>hb01.dgn</b>		
im102.rgb		
d4_concrete.rgb		
wall2.rgb		
<b>airlock01.dwb</b>	SAEF2 Airlock Interior	290
<b>airlock01.dgn</b>		
im101.rgb		
floor2.rgb		
tan2.rgb		
<b>airlock01_crane.dwb</b>	SAEF2 Airlock Bridge Crane	2066
<b>airlock01.dgn</b>		
hrail_end.rgb		
<b>SSPF</b>		
<b>hbflr.dwb</b>	High Bay Floor	248
<b>hbflr.dgn</b>		
yel_stripes.rgb		
<b>hbaye.dwb</b>	High Bay East	68
<b>hbaye.dgn</b>		
wall_panel_1.rgb		
door_rh091.rgb		
panel_rh84.rgb		
deck.rgb		
<b>hbayn.dwb</b>	High Bay North	766
<b>hbayn.dgn</b>		
dr_s_13.rgb		
wall_panel_1.rgb		
panel_rh095.rgb		
panel_rh077.rgb		
panel_rh84.rgb		
panel_rh090b.rgb		
panel_rh090a.rgb		
panel_rh062.rgb		
dr_s_10.rgb		
hrail.rgb		
<b>hbays.dwb</b>	high bay	2214
<b>hbays.dgn</b>		
wall_panel_1.rgb		
sspf_viewwin.rgb		
panel_rph090a.rgb		
panel_rh090b.rgb		
panel_rh077.rgb		
panel_rh083.rgb		
panel_rh082.rgb		
panel_rh84.rgb		
panel_rh095.rgb		
panel_rh062.rgb		
louver_lg.rgb		
dr_s_10.rgb		
<b>hbclg.dwb</b>	High Bay Ceiling	74
<b>hbayclg.dgn</b>		
ceiling_light.rgb		
<b>ibay.dwb</b>	High Bay	1188
<b>ibaye.dgn</b>		
<b>ibayn.dgn</b>		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
<b>ibays.dgn</b>		
<b>ibayw.dgn</b>		
<b>ibayclg.dgn</b>		
ibaye.rgb		
wall_panel_1.rgb		
door_rh058.rgb		
ibayn01.rgb		
ibayn02.rgb		
ibayn03.rgb		
ibayn04.rgb		
ibayn05.rgb		
lad_rungs.rgb		
hrail.rgb		
hrail_end.rgb		
diamond_w.rgb		
<b>uziq.dwb</b>	Intermediate Bay	1872
<b>uziq.dgn</b>		
<b>uziq1.dgn</b>		
<b>uziqguts.dgn</b>		
uziq1_front.rgb		
uziq1_top.rgb		
uziq1_right.rgb		
uziq22_f1.rgb		
uziq22_fr3.rgb		
uziq22_fr4.rgb		
uziq22_fr5.rgb		
uziq22_fr7a.rgb		
uziq22_fr7.rgb		
uziq22_fr2.rgb		
uziq22_fr6.rgb		
uziq22_fr2a.rgb		
uziq22_fr4a.rgb		
uziq12.rgb		
uziq12_2.rgb		
uziq32_2.rgb		
uziq32_1a.rgb		
uziq32_1.rgb		
uziq52_flr.rgb		
wheel_bk_1.rgb		
/com/wheel_fr_1.rgb		
wheel_sd_1.rgb		
diamond_w.rgb		
<b>sspf_hbcrane.dwb</b>	SSPF High-bay Crane	2824
<b>sspf_hbcrane_1.dgn</b>		
wbrge_side.rgb		
wbrg_f_t.rgb		
wbrge_f_2.rgb		
hrail_end.rgb		
hrail.rgb		
ropes_f.rgb		
diamwhite.rgb		
rope_f.rgb		
<b>sspf_ibcrane.dwb</b>	High-bay Crane	2800
rope_f.rgb		
<b>VPF</b>		
<b>hydro.dwb</b>	Hydraset	1059
cmyk colors and gage.rgb		
<b>vpf_10thoist.dwb</b>	VPF 10 Ton Hoist	1690
vpf_10thoist.dgn		
<b>vpf_12tcrane.dwb</b>	12 Ton Bridge Crane in High Bay	2555
<b>vpf_12tcrane.dgn</b>		
<b>vpf_25tcrane.dwb</b>	25 Ton Bridge Crane in High Bay	2590
<b>vpf_25tcrane.dgn</b>		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
<b>vpf_airlock.dwb</b>	VPF Airlock Interior	1270
<b>vpfairlk_000.dgn</b>		
vpf_floor2.rgb		
vpf_walls2.rgb		
tan2_vpf.rgb		
conc2.rgb		
grating.rgb		
lad_rungs.rgb		
hrail_2ends.rgb		
1m142.rgb		
<b>vpf_albooms.dwb</b>	Service Booms in the VPF Airlock	1913
vpfairlk_000.dgn		
lad_rungs.rgb		
<b>vpf_columns.dwb</b>	Vertical Columns for VPF Hi bay Stands	1872
vpfcols_000.dgn		
<b>vpf_doors.dwb</b>	Airlock Door and Vertical Lift Door	276
vpfhibay_000.dgn		
vpfairlk_000.dgn		
vpf_al_doors.rgb		
hb_doors_bt.rgb		
<b>vpf_elevplat.dwb</b>	Elevating Platforms - Highbay Test Stand Access	884
vpt_vpf_000.dgn		
grating.rgb		
grating.rgb		
<b>vpf_extensible.dwb</b>	Retractable Side Platforms - Highbay Test Stands	2396
vpfcols_000.dgn		
diamond_s.rgb		
<b>vpf_handrails.dwb</b>	VPF Highbay Test Stand Handrails	9006
vpfhdrls_000.dgn		
chain_lg_512.rgb		
chain_lg_128.rgb		
chain_shrt_512.rgb		
chain_shrt_128.rgb		
<b>vpf_hibay.dwb</b>	VPF Highbay Interior	245
vpfhibay_000.dgn		
tan2_vpf.rgb		
vpf_floor2.rgb		
vpf_wall2.rgb		
im142.rgb		
ct_grading.rgb		
08_win.rgb		
oven_door1.rgb		
oven_door2.rgb		
<b>vpf_pipe.dwb</b>	Firex Pipes - Highbay Test Stands	8472
vpfpipe_000.dgn		
<b>vpf_site.dwb</b>	VPF Exterior Pad & Approach Roads	7
vpfsite.dgn		
<b>vpf_stairs.dwb</b>	Access Stands for VPF Highbay Test Stands	5772
vpfstair_000.dgn		
diamond_s.rgb		
<b>vpf_stand.dwb</b>	VPF Platform Levels - HB Test Stands/Elevator Tower	13235
vpfstruc_000.dgn		
vpfgrat_000.dgn		
grating.rgb		
<b>vpf_vphd.dwb</b>	Vert. Platform Handling Device (VPHD) - Test Stand	4578
vphd_000.dgn		
vpfretplat_000.dgn		
vpfjhook_000.dgn		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
vphd_simple.dgn		
grating.rgb		
flbeam1.rgb		
flbeam2.rgb		
flbeam3.rgb		
flbeamwh.rgb		
vphd_holes.rgb		
<b>vpfal_ewall.dwb</b>	Wall Panels & Doors - East Interior of Airlock	376
vpfairk_temp.dgn		
saef2031.rgb		
pull_panel.rgb		
emerg_phone.rgb		
target_052.rgb		
vert_panels.rgb		
saef20418.rgb		
fire_ext.rgb		
313vpf_066.rgb		
7dial_panel.rgb		
al_vertpnl.rgb		
valvepnl_open.rgb		
<b>vpfal_swall.dwb</b>	Panels & Doors - South Wall of Airlock (Texturing)	50
vpfairk_temp.dgn		
vert_panels.rgb		
press_vac.rgb		
<b>vpfal_wwall.dwb</b>	Panels & Doors - West Wall of Airlock (Texturing)	518
vpfairk_temp.dgn		
dbldoors.rgb		
emerg_phone.rgb		
target_052.rgb		
vpf_viewpnl.rgb		
313vpf_066.rgb		
al_dbldoors.rgb		
fire_pullbox.rgb		
screen_panel.rgb		
pull_panel.rgb		
soblnc_pnl.rgb		
al_valvepnl.rgb		
al_vertpnl.rgb		
<b>vpfhb_ewall.dwb</b>	Panels & Doors - East Wall Highbay (Texturing)	886
vpfhibay_text.dgn		
fire_ext.rgb		
313vpf_066.rgb		
press_vac.rgb		
3dial_pnl.rgb		
fire_pullbox.rgb		
vpf_viewpnl.rgb		
countdown_clk.rgb		
valvepnl_open.rgb		
saef20_074.rgb		
saef2041b.rgb		
soblnc_pnl.rgb		
vert_doors.rgb		
vert_panels.rgb		
signs.rgb		
dbl_pnl.rgb		
pull_panel.rgb		
emerg_panel.rgb		
emerg_phone.rgb		
saef2032.rgb		
vert_vent.rgb		
saef2031b.rgb		
saef2005.rgb		
<b>vpfhb_nwall.dwb</b>	Panels & Doors - North Wall High Bay (Texturing)	356
vpfhibay_text.dgn		
firepullbox.rgb		
soblnc_pnl.rgb		

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
exit_sign.rgb		
313vpf_066.rgb		
vert_panels.rgb		
fire_arrow.rgb		
saef2031.rgb		
<b>vpfhb_swall.dwb</b>	Panels & Door - South Wall High Bay (Texturing)	108
vpfhibay_text.dgn		
press_vac.rgb		
emerg_phone.rgb		
pull_panel.rgb		
fire_arrow.rgb		
target_052.rgb		
saef2032.rgb		
im8_47.rgb		
<b>vpfhb_wwall.dwb</b>	Panels & Doors- West Wall High Bay (Texturing)	818
vaccum.rgb		
saef2007.rgb		
313vpf_066.rgb		
313vpf_099.rgb		
3dial_pnl.rgb		
saef2031.rgb		
vert_doors.rgb		
signs.rgb		
vert_panels.rgb		
exit_sign.rgb		
dbldoors.rgb		
west_door.rgb		
saef2041b.rgb		
fire_pullbox.rgb		
<b>vpfhb_wwall.dwb</b>	Panels & Doors- West Wall High Bay (Texturing)	818
vpfhibay_text.dgn		
fire_vent.rgb		
vpf_viewpnl.rgb		
soblnk_pnl.rgb		
usflag.rgb		
meatball.rgb		
pull_panel.rgb		
firextng.rgb		
redeluge_pnl.rgb		
valve_open.rgb		
<b>TOTAL FILE COUNT</b>	<b>797</b>	
<b>Space and Weights Files</b>		
cable_pass/d02293a0.001		167K
cable_pass/d02293a0.002		73K
cable_pass/d02293a0.003		110K
cable_pass/d02293a0.004		83K
cable_pass/d02293a0.005		74K
cable_pass/d02293a0.006		51K
ccms/2021sh1.dgn		922K
ccms/2021sh2.dgn		307K
ccms/2021sh3.dgn		249K
ccms/2021sh4.dgn		392K
ccms/2026sh1.dgn		728K
ccms/2026sh2.dgn		407K
ccms/2026sh3.dgn		149K
ccms/2026sh4.dgn		144K
ccms/2026sh5.dgn		55K
ccms/2026sh6.dgn		163K
ccms/3d.dgn		273K
ccms/3d.dgn		490K
ccms/3d.hln		135K
ccms/3d.mat		1K
ccms/3d.vfa		2K
ccms/3d.vfb		2K
ccms/canaveral.gif		205K
ccms/ccms.rgb		705K
ccms/ccms2d.dgn		14K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
ccms/ccmsa1.dgn		43K
ccms/ccmsa1.dgn		72K
ccms/ccmsa2.dgn		168K
ccms/ccmsa3.dgn		60K
ccms/ccmsa4.dgn		38K
ccms/ccmsv1.dgn		85K
ccms/ccmsv1.dgn		153K
ccms/d0453700.001		82K
ccms/d0453700.002		42K
ccms/d0453700.003		165K
ccms/d0453700.004		57K
ccms/d0453700.005		38K
ccms/d0453700.006		19K
ccms/d0453700.007		27K
ccms/d0453700.008		106K
ccms/d0453700.fmt		29K
ccms/discovery.gif		99K
ccms/elec/ccmsa2.dgn		165K
ccms/elec/ccmsa3.dgn		56K
ccms/elec/d0453700.009		24K
ccms/elec/d0453700.010		76K
ccms/elec/d0453700.011		52K
ccms/elec/d0453700.012		28K
ccms/elec/d0453700.013		27K
ccms/elec/d0453700.fmt		5K
ccms/factb.dgn		29K
ccms/fix.rgb		594K
ccms/fp1.dgn		23K
ccms/front.hln		1K
ccms/jul16.rgb		992K
ccms/k1.dgn		791K
ccms/k2.dgn		374K
ccms/k3.dgn		99K
ccms/meet1.rgb		373K
ccms/meet2.rgb		78K
ccms/mouse.rgb		925K
ccms/ray.sh		<1K
ccms/rm2021.dgn		466K
ccms/rm2021.hln		13K
ccms/rm2026.dgn		401K
eml/3740.009		179K
eml/3740.010		224K
eml/3740.011		369K
eml/3740.012		48K
eml/3740.013		96K
eml/3740.014		151K
eml/3740m1.dgn		119K
eml/3740m2.dgn		165K
eml/cover.dgn		157K
eml/d03740a0.010		110K
eml/d03740a0.011		149K
eml/d03740a0.014		127K
eml/emla1.dgn		141K
eml/emla2.dgn		191K
eml/emla3.dgn		108K
eml/emla4.dgn		108K
eml/emla5.dgn		96K
eml/emlv1.dgn		153K
eml/fac.dgn		19K
eml/factb.dgn		30K
eo/1277eo.dgn		37K
eo/1292eo.dgn		10K
eo/eo.dgn		3K
eo/esa60.eo		56K
eo/hetwk_eo.dgn		118K
eo/vpfeo.dgn		60K
esa60/c1.dgn		62K
esa60/c1.dgn		121K
esa60/esa60.dgn		99K
esa60/s1.dgn		36K
esa60/s10.dgn		42K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
esa60/s11.dgn		45K
esa60/s12.dgn		53K
esa60/s2.dgn		28K
esa60/s3.dgn		63K
esa60/s4.dgn		61K
esa60/s5.dgn		134K
esa60/s6.dgn		56K
esa60/s7.dgn		43K
esa60/s8.dgn		49K
esa60/s9.dgn		63K
hvy_sto/border.dgn		10K
hvy_sto/sheeta1.dgn		87K
hvy_sto/sheetc1.dgn		96K
hvy_sto/sheetc2.dgn		178K
hvy_sto/sheetv1.dgn		84K
hvy_sto/site2d.dgn		37K
images/a1.rgb		286K
images/a2.rgb		434K
images/a3.rgb		350K
images/a4.rgb		327K
images/a5.rgb		305K
images/a6.rgb		317K
images/a7.rgb		209K
images/beam.ray		96K
images/ccms.rgb		821K
images/fix.rgb		757K
images/jul16.rgb		1.306M
images/last.rgb		341K
images/meet1.rgb		478K
images/meet2.rgb		102K
images/mouse.rgb		1.425M
images/rm2022.rgb		245K
labs/1277a1.dgn		67K
labs/1277a2.dgn		63K
labs/1277a3.dgn		40K
labs/1277a4.dgn		71K
labs/1277v1.dgn		84K
labs/1289a1.dgn		77K
labs/1289a2.dgn		153K
labs/1289a3.dgn		101K
labs/1289a4.dgn		48K
labs/1289a5.dgn		68K
labs/1289v1.dgn		85K
labs/1292a1.dgn		90K
labs/1292a2.dgn		78K
labs/1292a3.dgn		42K
labs/1292v1.dgn		84K
labs/200.dgn		627K
labs/2249a1.dgn		140K
labs/2249a2.dgn		49K
labs/2249a3.dgn		35K
labs/2249a4.dgn		57K
labs/2249a5.dgn		74K
labs/2249a6.dgn		37K
labs/2249v1.dgn		85K
labs/2249v2.dgn		28K
labs/300.dgn		868K
labs/3292a1.dgn		31K
labs/3292a2.dgn		60K
labs/3292a3.dgn		20K
labs/3292a4.dgn		59K
labs/3292a5.dgn		19K
labs/3292a6.dgn		121K
labs/3292v1.dgn		87K
labs/8x11.dgn		365K
labs/a04001000.001		60K
labs/color.tbl		<1K
labs/d0210800.007		26K
labs/d0210800.008		83K
labs/d0210800.009		45K
labs/d0210800.010		30K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
labs/d0210800.011		8K
labs/d0210800.012		28K
labs/d0210800.013		8K
labs/d0211000.009		29K
labs/d0211000.010		58K
labs/d0211000.011		39K
labs/d0211000.012		23K
labs/d0211000.013		29K
labs/d0211200.012		26K
labs/d0211200.013		87K
labs/d0211200.014		74K
labs/d0211200.015		38K
labs/d0211200.016		60K
labs/d0211200.017		28K
labs/d0211200.018		25K
labs/d0211200.019		38K
labs/d0368100.009		16K
labs/d03740a0.010		110K
labs/d03740a0.011		149K
labs/d03740a0.014		127K
labs/d0403300.003		108K
labs/d0403300.004		47K
labs/d0403300.005		113K
labs/d0403300.006		36K
labs/d04033a0.001		155K
labs/d04033a0.002		55K
labs/d04033a0.007		196K
labs/d04033a0.fmt		70K
labs/eml.cel		15K
labs/eml.dgn		59K
labs/emla1.dgn		84K
labs/emla2.dgn		61K
labs/emla3.dgn		100K
labs/emla4.dgn		67K
labs/emla5.dgn		60K
labs/emlv1.dgn		83K
labs/factb.dgn		15K
labs/m6336.dgn		32K
lwf/lwf.dgn		71K
lwf/lwf2.dgn		110K
lwf/lwf3.dgn		157K
lwf/lwf4.dgn		260K
lwf/lwf5.dgn		272K
lwf/lwf6.dgn		272K
lwf/lwf7.dgn		80K
lwf/lwf8x11.dgn		269K
m02076/border.dgn		21K
m02076/d0464600.001		82K
m02076/d0464600.002		18K
m02076/d0464600.003		27K
m02076/d0464600.004		32K
m02076/d0464600.005		76K
m02076/d0464600.006		15K
m02076/d0464600.007		54K
m02076/d0464600.008		25K
m02076/d0464600.ctb		<1K
m02076/d04646a2.dgn		9K
m02076/d0464a4.dgn		<1K
m02076/floorpln.dgn		12K
m02076/south.dgn		10K
m02076/sphdetl.dgn		5K
m71410/1410a1.dgn		5K
m71410/1410a2.dgn		32K
m71410/1410a3.dgn		50K
m71410/1410a4.dgn		4K
m71410/1410v1.dgn		84K
m71410/a1.dgn		9K
m71410/colm.cc_list		1K
m71410/door.cc_list		1K
m71410/filelist.dat		<1K
m71410/m1.dgn		<1K



FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
m71410/mbuild.log		<1K
m71410/parch.dat		<1K
m71410/prolist_entry		<1K
m71410/se1.dgn		4K
m7505/border.dgn		21K
m7505/d04646.fmt		4K
m7505/d0464600.dra		<1K
m7505/d0464600.fmt		5K
m7505/d04646a0.001		84K
m7505/d04646a0.002		21K
m7505/d04646a0.003		29K
m7505/d04646a0.004		34K
m7505/d04646a0.005		29K
m7505/d04646a0.006		16K
m7505/d04646a0.007		54K
m7505/d04646a0.008		26K
m7505/d04646a0.009		21K
m7505/d04646a0.010		40K
m7505/d04646a0.011		64K
m7505/d04646a0.012		24K
m7505/d04646a0.013		17K
m7505/d04646a0.014		33K
m7505/d04646a0.015		68K
m7505/d04646a0.016		80K
m7505/d04646a0.017		110K
m7505/d04646a0.018		57K
m7505/d04646a0.019		175K
m7505/d04681.fmt		4K
m7505/d0468100.fmt		29K
m7505/d04681a0.001		84K
m7505/d04681a0.002		34K
m7505/d04681a0.003		29K
m7505/d04681a0.004		70K
m7505/d04681a0.005		55K
m7505/d04681a0.006		50K
m7505/d04681a0.007		23K
m7505/d04681a0.008		49K
m7505/d04681a0.009		22K
m7505/d04681a0.010		14K
m7505/d04681a0.011		15K
m7505/d04681a0.012		56K
m7505/d04681a0.013		114K
m7505/d04681a0.014		41K
mech/phsfm1.dgn		46K
mech/phsfm2.dgn		81K
mech/phsfv1.dgn		158K
mech/saefm1.dgn		46K
mech/saefv1.dgn		82K
misc/4plot.dgn		1K
misc/6plot.dgn		1K
misc/acrv.dgn		45K
misc/barchart.dgn		3K
misc/cars.cel		344K
misc/civil.dgn		<1K
misc/floor1.dgn		119K
misc/kscsite.dgn		269K
misc/layout.dgn		12K
misc/metal.dgn		32K
misc/padmap1.dgn		33K
misc/parch_fp.1		44K
misc/parch_fp.2		36K
misc/parch_md.1		81K
misc/parch_md.2		139K
misc/play_msc.1		280K
misc/shuttle.dgn		493K
misc/stamp.dgn		3K
misc/vehicle.dgn		80K
network/m01200a1.dgn		72K
network/m01200a2.dgn		65K
network/m01200a3.dgn		71K
network/m01200v1.dgn		83K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
ozonator/a1.saef2		55K
ozonator/a1.vpf		116K
ozonator/a2.saef2		112K
ozonator/a2.vpf		125K
ozonator/asbuilt/saef2/d04550.fmt		4K
ozonator/asbuilt/saef2/d0455000.001		89K
ozonator/asbuilt/saef2/d0455000.002		81K
ozonator/asbuilt/saef2/d0455000.003		257K
ozonator/asbuilt/saef2/d0455000.004		81K
ozonator/asbuilt/saef2/d0455000.005		9K
ozonator/asbuilt/saef2/d0455000.006		76K
ozonator/asbuilt/saef2/d04550a0.007		51K
ozonator/asbuilt/saef2/d04550a0.008		68K
ozonator/asbuilt/saef2/d04550a0.009		10K
ozonator/asbuilt/saef2/d04550a0.010		24K
ozonator/asbuilt/saef2/factb.new		29K
ozonator/asbuilt/vpf/d04549.fmt		4K
ozonator/asbuilt/vpf/d0454900.001		214K
ozonator/asbuilt/vpf/d0454900.002		52K
ozonator/asbuilt/vpf/d0454900.003		255K
ozonator/asbuilt/vpf/d0454900.004		112K
ozonator/asbuilt/vpf/d0454900.005		9K
ozonator/asbuilt/vpf/d0454900.006		96K
ozonator/asbuilt/vpf/d04549a0.007		42K
ozonator/asbuilt/vpf/d04549a0.008		47K
ozonator/asbuilt/vpf/d04549a0.009		10K
ozonator/asbuilt/vpf/d04549a0.010		69K
ozonator/asbuilt/vpf/factb.new		29K
ozonator/c1.saef2		59K
ozonator/c1.vpf		53K
ozonator/factb.new		29K
ozonator/redo/3d.dgn		82K
ozonator/redo/a1.saef2		262K
ozonator/redo/a1.vpf		276K
ozonator/redo/a2.saef2		109K
ozonator/redo/a2.vpf		112K
ozonator/redo/c1.saef2		79K
ozonator/redo/c1.vpf		54K
ozonator/redo/factb.new		29K
pmrf/13mar92.dgn		34K
pmrf/pmrf8x11.dgn		357K
pmrf/pmrfa1.dgn		33K
pmrf/test.dgn		13K
pmrf/test2d.dgn		944K
pmrf/test3d.dgn		1.230M
pmrf/view.dgn		340K
pstf/c_hln/2dgrid.dgn		4K
pstf/c_hln/ba.dgn		30K
pstf/c_hln/ba.mat		<1K
pstf/c_hln/cbltry1.dgn		189K
pstf/c_hln/cbltry1.mat		<1K
pstf/c_hln/dcpower.dgn		3K
pstf/c_hln/dcpower.mat		<1K
pstf/c_hln/diag.mat		<1K
pstf/c_hln/elec_pnls.dgn		34K
pstf/c_hln/elec_pnls.mat		<1K
pstf/c_hln/factb.dgn		46K
pstf/c_hln/flips.dgn		384K
pstf/c_hln/flips.mat		<1K
pstf/c_hln/floor2d.dgn		8K
pstf/c_hln/fluid3.dgn		45K
pstf/c_hln/fluid3.mat		<1K
pstf/c_hln/goretrak.dgn		156K
pstf/c_hln/grid.dgn		1K
pstf/c_hln/gseplc.dgn		7K
pstf/c_hln/jbox.dgn		4K
pstf/c_hln/jbox.mat		<1K
pstf/c_hln/lights.dgn		14K
pstf/c_hln/lights.mat		<1K
pstf/c_hln/loadme.dgn		3K
pstf/c_hln/loadme.mat		<1K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
pstf/c_hln/mobcbtry.dgn		111K
pstf/c_hln/mobcbtry.mat		<1K
pstf/c_hln/mobstd1.dgn		356K
pstf/c_hln/mobstd1.mat		<1K
pstf/c_hln/newwd1.dgn		48K
pstf/c_hln/newwd1.mat		21K
pstf/c_hln/oisd.dgn		17K
pstf/c_hln/oisd.mat		<1K
pstf/c_hln/oxidizer.dgn		1K
pstf/c_hln/oxidizer.mat		<1K
pstf/c_hln/oxy.dgn		2K
pstf/c_hln/oxy.mat		<1K
pstf/c_hln/pa.dgn		2K
pstf/c_hln/plugins.dgn		8K
pstf/c_hln/plugins.mat		<1K
pstf/c_hln/pmrs1.dgn		311K
pstf/c_hln/pmrs1.mat		21K
pstf/c_hln/prop.dgn		234K
pstf/c_hln/prop.mat		<1K
pstf/c_hln/pstfgrid.dgn		3K
pstf/c_hln/pstfr100.dgn		72K
pstf/c_hln/pstfr100.mat		<1K
pstf/c_hln/pstfrcol.dgn		3K
pstf/c_hln/pstfrsr.dgn		7K
pstf/c_hln/pstfrsr.mat		<1K
pstf/c_hln/pstfrsr1.dgn		7K
pstf/c_hln/pstfrsr2.dgn		6K
pstf/c_hln/pstfrtb.dgn		8K
pstf/c_hln/pstgrid.dgn		5K
pstf/c_hln/stnd.dgn		163K
pstf/c_hln/stnd.mat		<1K
pstf/c_hln/supply1.dgn		2K
pstf/c_hln/supply1.mat		<1K
pstf/c_hln/taylor.dgn		155K
pstf/c_hln/taylor.mat		<1K
pstf/c_hln/uvir.dgn		16K
pstf/c_hln/uvir.mat		<1K
pstf/c_pstfr/building.dgn		65K
pstf/c_pstfr/building.dgn		65K
pstf/c_pstfr/d0403500.001		165K
pstf/c_pstfr/d0403500.001		165K
pstf/c_pstfr/d0403500.002		685K
pstf/c_pstfr/d0403500.002		685K
pstf/c_pstfr/d0403500.003		837K
pstf/c_pstfr/d0403500.003		837K
pstf/c_pstfr/d0403500.004		102K
pstf/c_pstfr/d0403500.004		102K
pstf/c_pstfr/d0403500.005		138K
pstf/c_pstfr/d0403500.005		138K
pstf/c_pstfr/d0403500.006		102K
pstf/c_pstfr/d0403500.006		102K
pstf/c_pstfr/d0403500.007		250K
pstf/c_pstfr/d0403500.007		250K
pstf/c_pstfr/d0403500.008		68K
pstf/c_pstfr/d0403500.008		68K
pstf/c_pstfr/d0403500.009		637K
pstf/c_pstfr/d0403500.009		637K
pstf/c_pstfr/d0403500.010		396K
pstf/c_pstfr/d0403500.010		396K
pstf/c_pstfr/d0403500.011		236K
pstf/c_pstfr/d0403500.011		236K
pstf/c_pstfr/d0403500.012		151K
pstf/c_pstfr/d0403500.012		151K
pstf/c_pstfr/d0403500.013		86K
pstf/c_pstfr/d0403500.013		86K
pstf/c_pstfr/d0403500.014		291K
pstf/c_pstfr/d0403500.014		291K
pstf/c_pstfr/d0403500.015		97K
pstf/c_pstfr/d0403500.015		97K
pstf/c_pstfr/factb.new		54K
pstf/c_pstfr/factb.new		54K

APPENDIX 15

3D Facility Models, Simulation, Space and Weight List

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
psf/c_pstfr/floor2d.dgn		14K
psf/c_pstfr/floor2d.dgn		14K
psf/c_pstfr/pstgrid.dgn		17K
psf/c_pstfr/pstgrid.dgn		17K
psf/c_pstfr/pstgrid8.dgn		8K
psf/c_pstfr/pstgrid8.dgn		8K
psf/c_pstfrcom/pstfr_rms/117racks.dgn		104K
psf/c_pstfrcom/pstfr_rms/comgrid.dgn		2K
psf/c_pstfrcom/pstfr_rms/factb.dgn		38K
psf/c_pstfrcom/pstfr_rms/hpfgid.dgn		2K
psf/c_pstfrcom/pstfr_rms/panel.dgn		146K
psf/c_pstfrcom/pstfr_rms/racktmpl.dgn		4K
psf/c_pstfrcom/pstfr_rms/rm109.dgn		30K
psf/c_pstfrcom/pstfr_rms/rm110.dgn		56K
psf/c_pstfrcom/pstfr_rms/rm117.dgn		72K
psf/c_pstfrcom/pstfr_rms/rm117flr.dgn		301K
psf/c_pstfrcom/pstfr_rms/rms108.dgn		33K
psf/c_pstfrcom/pstfr_rms/rms109.dgn		100K
psf/c_pstfrcom/pstfr_rms/rms110.dgn		52K
psf/c_pstfrcom/pstfr_rms/s108flr.dgn		345K
psf/c_pstfrcom/pstfr_rms/s108rack.dgn		21K
psf/c_pstfrcom/pstfr_rms/s109flr.dgn		288K
psf/c_pstfrcom/pstfr_rms/s110flr.dgn		415K
psf/fedp/color.tbl		<1K
psf/fedp/delta.3d		443K
psf/fedp/factb.3d		98K
psf/fedp/factb.dgn		82K
psf/fedp/fedp_ele.dgn		154K
psf/fedp/fedp_fig.dgn		574K
psf/fedp/fedp_iso.dgn		215K
psf/fedp/hosf.3d		729K
psf/fedp/hosf.dgn		439K
psf/fedp/hosf.iso		20K
psf/fedp/iso4.dgn		24K
psf/fedp/mb2_pm2.dgn		473K
psf/fedp/mfstb.3d		39K
psf/fedp/mfstb.dgn		30K
psf/fedp/pstd.3d		11K
psf/fedp/psf_a1.dgn		82K
psf/fedp/psf_a2.dgn		65K
psf/fedp/psf_a3.dgn		76K
psf/fedp/psf_b1.dgn		200K
psf/fedp/psf8x11.dgn		80K
psf/fedp/psfa1.dgn		49K
psf/fedp/psfa2.dgn		55K
psf/fedp/psfs1.dgn		168K
psf/fedp/psfs1a.dgn		160K
psf/fedp/psfs2.dgn		33K
psf/fedp/sec.dgn		180K
remote_signal/d0301300.001		74K
remote_signal/d0301300.002		30K
remote_signal/d0301300.003		37K
remote_signal/d0301300.004		44K
remote_signal/d0301300.005		51K
remote_signal/d0301300.006		35K
remote_signal/d0301300.007		108K
slabs/d03120a0.002		167K
slabs/d03122a0.002		271K
slabs/d03123a0.002		251K
slabs/factb.dgn		38K
slabs/slab.eo		10K
sspf_rms/1071.dgn		<1K
sspf_rms/1and4.dgn		143K
sspf_rms/2and5.dgn		197K
sspf_rms/cnt.dgn		54K
sspf_rms/cnt.mat		2K
sspf_rms/cntbeams.dgn		50K
sspf_rms/cntbeams.mat		<1K
sspf_rms/columns.dgn		233K
sspf_rms/factb.dgn		38K
sspf_rms/footings.dgn		98K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
sspf_rms/hibaymez.dgn		14K
sspf_rms/joist.dgn		709K
sspf_rms/plenum.dgn		235K
sspf_rms/rm1001.dgn		68K
sspf_rms/rm1011a.dgn		55K
sspf_rms/rm1011a.mat		5K
sspf_rms/rm1016.dgn		18K
sspf_rms/rm1017.dgn		19K
sspf_rms/rm1022.dgn		53K
sspf_rms/rm1025.dgn		44K
sspf_rms/rm1025.mat		4K
sspf_rms/rm1026.dgn		40K
sspf_rms/rm1052.dgn		40K
sspf_rms/rm1052.mat		<1K
sspf_rms/rm1057.dgn		96K
sspf_rms/rm1062.dgn		81K
sspf_rms/rm1062.hln		447K
sspf_rms/rm1062.mat		2K
sspf_rms/rm1071.dgn		40K
sspf_rms/rm1072.dgn		139K
sspf_rms/rm1073.dgn		226K
sspf_rms/rm1077_98.dgn		156K
sspf_rms/rm1083.dgn		61K
sspf_rms/rm1087.dgn		351K
sspf_rms/rm1087.mat		5K
sspf_rms/rm1087st.dgn		268K
sspf_rms/rm1087st.mat		21K
sspf_rms/rm1088.dgn		1.221M
sspf_rms/rm1092.dgn		335K
sspf_rms/rm10922d.dgn		7K
sspf_rms/rm1106.dgn		25K
sspf_rms/rm2011.dgn		45K
sspf_rms/rm2021.dgn		466K
sspf_rms/rm2022.dgn		205K
sspf_rms/rm2023.dgn		712K
sspf_rms/rm2026.dgn		401K
sspf_rms/rm2026.mat		<1K
sspf_rms/rm2037.dgn		371K
sspf_rms/rm2045.dgn		141K
sspf_rms/rm2046.dgn		43K
sspf_rms/rm2047.dgn		45K
sspf_rms/rm3024.dgn		25K
sspf_rms/rm3047.dgn		34K
sspf_rms/rm3063.dgn		27K
sspf_rms/sspf.dgn		531K
sspf_rms/sspf.txt		1K
sspf_rms/sspfgrid.dgn		9K
sspf_rms/truss3rd.dgn		216K
sspf_rms/tuncab.dgn		1.060M
sspf_rms/tunexp.dgn		91K
sspf_rms/tungrid.dgn		2K
sspf_rms/tunlts.dgn		247K
sspf_rms/tunnel.dgn		205K
sspf_rms/tunspr.dgn		33K
sspf_rms/tunuti.dgn		206K
sspf_rms/tunview.dgn		157K
sspf_rms/tunvis.dgn		21K
sspf_sht/1001sh1.dgn		79K
sspf_sht/1001sh2.dgn		82K
sspf_sht/1011sh1.dgn		74K
sspf_sht/1011sh2.dgn		61K
sspf_sht/1016sh1.dgn		119K
sspf_sht/1016sh2.dgn		23K
sspf_sht/1017sh1.dgn		76K
sspf_sht/1022sh1.dgn		191K
sspf_sht/1022sh2.dgn		55K
sspf_sht/1025sh1.dgn		94K
sspf_sht/1025sh2.dgn		56K
sspf_sht/1026sh1.dgn		274K
sspf_sht/1026sh2.dgn		65K
sspf_sht/1052sh1.dgn		189K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
sspf_sht/1052sh2.dgn		22K
sspf_sht/1057sh1.dgn		194K
sspf_sht/1057sh2.dgn		30K
sspf_sht/1062sh1.dgn		169K
sspf_sht/1062sh2.dgn		187K
sspf_sht/1071sh1.dgn		176K
sspf_sht/1071sh2.dgn		56K
sspf_sht/1072sh1.dgn		383K
sspf_sht/1073sh1.dgn		193K
sspf_sht/1077_98sh1.dgn		290K
sspf_sht/1077_98sh2.dgn		530K
sspf_sht/1077_98sh3.dgn		157K
sspf_sht/1083sh1.dgn		146K
sspf_sht/1083sh2.dgn		79K
sspf_sht/1087sh1.dgn		146K
sspf_sht/1087sh2.dgn		225K
sspf_sht/1088sh1.dgn		162K
sspf_sht/1088sh2.dgn		105K
sspf_sht/1088sh3.dgn		93K
sspf_sht/1088sh4.dgn		51K
sspf_sht/1088sh5.dgn		47K
sspf_sht/1088sh6.dgn		138K
sspf_sht/1088sh7.dgn		319K
sspf_sht/1092sh1.dgn		109K
sspf_sht/1092sh2.dgn		153K
sspf_sht/1092sh3.dgn		135K
sspf_sht/1106sh1.dgn		100K
sspf_sht/1106sh2.dgn		31K
sspf_sht/2011sh1.dgn		123K
sspf_sht/2011sh2.dgn		57K
sspf_sht/2021sh1.dgn		922K
sspf_sht/2021sh2.dgn		307K
sspf_sht/2021sh3.dgn		249K
sspf_sht/2021sh4.dgn		392K
sspf_sht/2022sh1.dgn		208K
sspf_sht/2022sh2.dgn		61K
sspf_sht/2022sh3.dgn		87K
sspf_sht/2023sh1.dgn		560K
sspf_sht/2023sh2.dgn		153K
sspf_sht/2023sh3.dgn		224K
sspf_sht/2026sh1.dgn		728K
sspf_sht/2026sh2.dgn		407K
sspf_sht/2026sh3.dgn		120K
sspf_sht/2026sh4.dgn		144K
sspf_sht/2026sh5.dgn		55K
sspf_sht/2026sh6.dgn		163K
sspf_sht/2037sh1.dgn		392K
sspf_sht/2037sh2.dgn		106K
sspf_sht/2046sh1.dgn		118K
sspf_sht/2046sh2.dgn		50K
sspf_sht/2047sh1.dgn		89K
sspf_sht/2047sh2.dgn		56K
sspf_sht/3024sh1.dgn		67K
sspf_sht/3024sh2.dgn		52K
sspf_sht/3047sh1.dgn		95K
sspf_sht/3047sh2.dgn		59K
sspf_sht/3063sh1.dgn		67K
sspf_sht/3063sh2.dgn		54K
sspf_sht/dir.txt		1K
sspf_sht/factb.dgn		46K
sspf_sht/k1.dgn		790K
sspf_sht/k2.dgn		374K
sspf_sht/k3.dgn		99K
sspf_sht/t1.dgn		34K
sspf_sht/t10.dgn		45K
sspf_sht/t11.dgn		62K
sspf_sht/t12.dgn		100K
sspf_sht/t13.dgn		157K
sspf_sht/t14.dgn		46K
sspf_sht/t15.dgn		69K
sspf_sht/t16.dgn		129K

FILE NAME	DESCRIPTIVE IDENTIFICATION	FILE SIZE (bytes or element count)
sspf_sht/t17.dgn		260K
sspf_sht/t18.dgn		165K
sspf_sht/t19.dgn		183K
sspf_sht/t2.dgn		19K
sspf_sht/t20.dgn		131K
sspf_sht/t3.dgn		1.279M
sspf_sht/t4.dgn		46K
sspf_sht/t5.dgn		221K
sspf_sht/t6.dgn		75K
sspf_sht/t7.dgn		176K
sspf_sht/t8.dgn		171K
sspf_sht/t9.dgn		102K
sspf_sht/v1.dgn		91K
sspf_sht/v2.dgn		93K
sspf_sht/x6.dgn		78K
<b>Total File Count= 679</b>		
	Software models available as of 6/01 are listed above. The facility and processing models identified below are scheduled for completion prior to start of the CAPPs contract and will be available to the CAPPs contractor in DELMIA format.	
	KSC Facility models for SSPF, O&C, VPF, PHSF, MPPF, SAEF II, OPF 1, OPF 2, PCR A, PCR B, and Landing Strip & Tow way.	
	CCAS Facility models for Hanger AE, SPIF, DPF, SLC 17A, SLC 17B, SLC 36, SLC 37, and SLC 40	
	VAFB Facility models for Building 2520, Building 1610, SLC2, SLC3, and SLC 4.	
	Also an Astrotech Facility model and a Dryden Tow way facility model.	
	Processing models for processing an MPLM in the SSPF, PCR, OPF, DFRC, Post Landing operations, and shipping container placement.	
	Processing models for IEA Rotation Stand Move.	
	Processing models for LIPS Move in SSPF.	
	Processing models for ICM access in VPF.	
	Processing models for UF-1 Launch on Need at Pad and in SSPF.	
	Processing models for Payload Late Access Platform and Payload Late Access Kit.	
	Processing models for Canister Trunnion Planarity Study for US Lab.	
	Processing models for TDRS Processing SAEF-II.	
	Processing models for GALEX/Pegasus Processing in MPPF and PHSF.	
	Processing models for MACE in VPF, PHSF, and MPPF.	
	Processing models for 11. GALEX/Pegasus Processing SAEF-II and VPF.	
	Processing models for 12. Non Toxic OMS Pod Study.	
	Processing models for dome Heat Shield Installation FMEA	
	Processing models for 14. SLC-2 White Room Operations for Delta-II.	
	End of contracted models list.	