PIONEER PROJECT
PIONEER 10/11

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
					HOME			HOME	HOME	HOME	
1	1								***PN 10/11 INVESTIGATOR REPORTS & PUBLICATIONS***		
1	1			NASA/ARC	PN 10/11 - LOA PPO-17			CELESTIAL MECHANICS	CM -REPORTS & PUBLICATIONS	JD ANDERSON - JPL / CM	
1	1			NASA/ARC	PN 10/11 - LOA PPO-13			PLASMA ANALYSER	PA -REPORTS & PUBLICATIONS	A BARNES - NASA/ARC / PA	
1	1			NASA/ARC	PN 10/11 - NAG2-153			TRAPPED RADIATION DETECTOR	TRD -REPORTS & PUBLICATION #1	W FILLIUS - UCSD / TRD	
1	1			NASA/ARC	PN 10/11 - NAG2-153			TRAPPED RADIATION DETECTOR	TRD - REPORTS & PUBLICATIONS #2	W FILLIUS - UCSD / TRD	
1	1			NASA/ARC	PN 10/11 - NAG2-153			TRAPPED RADIATION DETECTOR	TRD - REPORTS & SPECIAL REVIEW	W FILLIUS - UCSD	
1	1			NASA/ARC	PN 10/11 - NAS2-13692			PLASMA ANALYSER	PA - REPORTS & PUBLICATIONS	DS INTRILIGATOR / CRC / PA	
1	1			NASA/ARC	PN 10/11 - NAS2-13216			PLASMA ANALYSER	PA - REPORTS & PUBLICATIONS	DS INTRILIGATOR / CRC / PA	
1	1			NASA/ARC	PN 10/11 - NAG2-146			ULTRAVIOLET PHOTOMETER	UV - REPORTS & PUBLICATIONS	DL JUDGE - USC / UV	
1	1			NASA/ARC	PN 10/11 - LOA PPO-14			COSMIC RAY TELESCOPE	CRT -REPORTS & PUBLICATIONS	FB MCDONALD - GSFC / CRT	
1	1			NASA/ARC	PN 10/11 - NAG2-380			CHARGED PARTICLE INSTRUMENT	CPI - REPORTS & PUBLICATIONS #1	JA SIMPSON - U/CHI / CPI	
1	1			NASA/ARC	PN 10/11 - NAG2-380			CHARGED PARTICLE INSTRUMENT	CPI - REPORTS & PUBLICATIONS #2	JA SIMPSON - U/CHI / CPI	
1	1			NASA/ARC	PN 10/11 - LOA PPO-12			HELIUM VECTOR MAGNETOMETER	HVM - REPORTS & PUBLICATIONS	EJ SMITH - JPL/HVM	
1	1			NASA/ARC	PN 10/11 - NAG2-571			GEIGER TUBE TELESCOPE	GTT - REPORTS & PUBLICATIONS #1	JA VAN ALLEN - U/IA /GTT	
1	1			NASA/ARC	PN 10/11 - NAG2-571			GEIGER TUBE TELESCOPE	GTT -REPORTS & PUBLICATIONS #2	JA VAN ALLEN - U/IA / GTT	
1	2								***PN 10/11 INVESTIGATOR GRANT & LOA FILES***		
1	2			NASA/ARC	PN 10/11 - LOA PPO-17			CELESTIAL MECHANICS	CM - "PIONEER 10/11 CELESTIAL MECHANICS EXPERIMENT"	JD ANDERSON - JPL / CM	
1	2			NASA/ARC	PN 10/11 - LOA PPO-13			PLASMA ANALYSER	PA -"REDUCTION ANALYSIS AND INTERPRETATION OF PIONEER 10 PLASMA DATA"	A BARNES - NASA/ARC	
1	2			NASA/ARC	PN 10/11 - NAG2-641			GALILEAN SATELLITES	"SURFACE CHARACTERISTICS OF THE GALILEAN SATELLITES AS DEDUCED FROM OPTICAL POLARIZATION MEASUREMENTS MADE BY PN 10/11"	LR DOOSE -U/AZ, TUCSON	
1	2			NASA/ARC	PN 10/11 - NAG2-153			TRAPPED RADIATION DETECTOR	TRD - "PIONEER 10/11 DATA ANALYSIS"	W FILLIUS - UCSD / TRD	
1	2			NASA/ARC	PN 10/11 - NAS2-13692			PLASMA ANALYSER	PA - "DATA ANALYSIS PN 10/11 PLASMA ANALYSER EXPERIMENT	DS INTRILIGATOR / CRC / PA	
1	2			NASA/ARC	PN 10/11 - NAS2-13216			PLASMA ANALYSER	PA - ORBITAL MISSION SUPPORT, DATA PROCESSING, DATA ANALYSIS & PLANNING PN 10/11 MISSION"	DS INTRILIGATOR / CRC / PA	
1	2			NASA/ARC	PN 10/11 - NAG2-146			ULTRAVIOLET PHOTOMETER	UV -"PIONEER 10/11 DATA ANALYSIS OF THE ULTRAVIOLET PHOTOMETRY EXPERIMENT"	DL JUDGE - USC / UV	
1	2			NASA/ARC	PN 10/11 - LOA PPO-14			COSMIC RAY TELESCOPE	CRT - "PIONEER 10/11 DATA ANALYSIS AND INTERPRETATION"	FB MCDONALD - GSFC / CRT	
1	2			NASA/ARC	PN 10/11 - NAG2-752			SOLAR WIND	"3-D DYNAMICAL EFFECTS IN LARGE SCALE SOLAR WIND STRUCTURES, THEORY & OBSERVATIONAL ANALYSIS"	VJ PIZZO / SJCRI	
1	2			NASA/ARC	PN 10/11 - NAG2-642			SOLAR ENERGETIC PARTICLES. HELIOSPHERE	APL -"SOLAR ENERGETIC PARTICLES IN OUTER HELIOSPHERE"	EC ROELOF / J HOPKINS / APL	
1	2			NASA/ARC	PN 10/11 - NAG2-380			CHARGED PARTICLE INSTRUMENT	CPI -"DATA REDUCTION AND ANALYSIS FOR THE U/CHICAGO CHARGED PARTICLE INSTRUMENT ON THE PIONEER 10 & 11 SPACECRAFT"	JA SIMPSON - U/CHI / CPI	
1	2			NASA/ARC	PN 10/11 - LOA PPO-12			HELIUM VECTOR MAGNETOMETER	HVM -"REDUCTION AND ANALYSIS OF PIONEER 11 VECTOR HELIUM MAGNETOMETER DATA"	EJ SMITH - JPL / HVM	
1	2			NASA/ARC	PN 10/11 - NAG2-571			GEIGER TUBE TELESCOPE	GTT - "CONTINUING ANALYSIS AND INTREPRETATION OF DATA FROM PIONEER 10 & 11"	JA VAN ALLEN - U/IA / GTT	
1	2			NASA/ARC	PN 10/11 - LOA PPO-40			RADIO SCINTILLATION	"PIONEER 10/11 RADIO SCINTILLATION STUDY"	R WOO - JPL	
1	3								***PN 10/11 INVESTIGATORS - MISC.***		
1	3			NASA/ARC	PN 10/11			CELESTIAL MECHANICS	PN 10/11 CELESTIAL MECHANICS EXPERIMENT	JD ANDERSON	
1	3			NASA/ARC	PN 10/11			PLASMA ANALYSER	PN 10/11 PLASMA ANALYSER	A BARNES & DS INTRILIGATOR	
1	3			NASA/ARC	PN 10/11			TRAPPED RADIATION DETECTOR	PN 10/11 - TRAPPED RADIATION DETECTOR	W FILIUS	
1	3			NASA/ARC	PN 10/11			IMAGING PHOTOPOLARIMETER	PN 10/11 - IMAGING PHOTOPOLARIMETER	T GEHRELS & L DOOSE	
1	3			NASA/ARC	PN 10/11			ULTRAVIOLET PHOTOMETER	PN 10/11 - ULTRAVIOLET PHOTOMETER	DL JUDGE	
1	3			NASA/ARC	PN 10/11			COSMIC RAY TELESCOPE	PN 10/11 - COSMIC RAY TELESCOPE	FB MCDONALD	
1	3			NASA/ARC	PN 10/11			CHARGED PARTICLE INSTRUMENT	PN 10/11 - CHARGED PARTICLE INSTRUMENT	JA SIMPSON	
1	3			NASA/ARC	PN 10/11			HELIUM VECTOR MAGNETOMETER	PN 10/11 - HELIUM VECTOR MAGNETOMETER	EJ SMITH	
1	3			NASA/ARC	PN 10/11			GEIGER TUBE TELESCOPE	PN 10/11 - GEIGER TUBE TELESCOPE	JA VAN ALLEN	
1	4								***PN 10/11 MEETINGS***		
1	4			NASA/ARC	PSG		7-9JUN88	PN 10/11 MEETING	PN 10/11 MEETING U/CHICAGO, IL		
1	4			NASA/ARC	PSG		25-May-89	PN 10/11 MEETING	PN 10.11 MEETING U/NH, DURHAM NH		
1	4			NASA/ARC	PSG		06-Dec-89	PN 10/11 MEETING	PN 10/11 MEETING SAN FRANCISCO, CA		
1	4			NASA/ARC	PSG		6-8JUN90	PN 10/11 MEETING	PN 10/11 MEETING UC/SAN DIEGO, CA		
1	4			NASA/ARC	PSG		27-29MAR91	PN 10/11 MEETING	PN 10/11 MEETING ARECIBO, SAN JUAN, PR		
1	4			NASA/ARC	PSG		3-2JUN92	PN 10/11 MEETING	PN 10/11 MEETING U/MD, COLLEGE PARK, MD		
1	4			NASA/ARC	PSG		2-4JUN93	PN 10/11 MEETING	PN 10/11 MEETINGNASA/ARC, CA		

1	4		NASA/ARC	PSG		2-4MAR94	PN 10/11 MEETING	PN 10/11 MEETING UC/SAN DIEGO, CA		
1	4		NASA/ARC	PSG		1-3DEC94	PN 10/11 MEETING	PN 10/11 MEETING NASA/ARC, CA		
1	4		NASA/ARC	SPACE PHYSICS REVIEW		24-Feb-95	PN 10/11 MEETING	PN 10/11 MEETING NASA/ARC, CA		
1	4		NASA/ARC	STRATEGY		09-Mar-95	PN 10/11 MEETING	PN 10/11 MEETING NASA/ARC, CA		
1	4		NASA/ARC	PSG		7-8DEC95	PN 10/11 MEETING	PN 10/11 MEETING NASA/ARC, CA		
1	4		NASA/ARC	PSG		24-25JUL96	PN 10/11 MEETING	PN 10/11 MEETING U/CHI, IL		
1	4		NASA/ARC	COSMIC RAYS IN HELIOSPHERE		16-18OCT96	PN 10/11 MEETING	PN 10/11 MEETING DURHAN,NH		
1	**5**							***PN 10/11 PROPOSALS***		
1	5		NASA/ARC	PN 10/11 - LOA PPO-17			CELESTIAL MECHANICS	CM - "PIONEER 10/11 CELESTIAL MECHANICS EXPERIMENT"	JD ANDERSON - JPL / CM	
1	5		NASA/ARC	PN 10/11 - LOA PPO-13			PLASMA ANALYSER	PA - "REDUCTION, ANALYSIS AND INTERPRETATION OF PIONEER 10 PLASMA DATA"	A BARNES - NASA/ARC	
1	5		NASA/ARC	NAG2-153			TRAPPED RADIATION DETECTOR	TRD - "PIONEER 10/11 DATA ANALYSIS"	W FILLIUS - UCSD / TRD	
				NAS2-13211			PLASMA ANALYSER	PA -	DS INTRILIGATOR CRC / PA	
1	5		NASA/ARC	NAG2-146			ULTRAVIOLET PHOTOMETER	UV - "PIONEER 10/11 DATA ANALYSIS OF THE ULTRAVIOLET PHOTOMETRY EXPERIMENT"	DL JUDGE - USC / UV	
1	5		NASA/ARC	NAS2-627			COSMIC RAY TELESCOPE	CRT - COSMIC RAY TELESCOPE	FB MCDONALD - MARY / GRT	
1	5		NASA/ARC	NAG2-380			CHARGED PARTICLE INSTRUMENT	CPI -"DATA REDUCTION AND ANALYSIS FOR THE U/CHICAGO CHARGED PARTICLE INSTRUMENT ON THE PN 10/11 SPACECRAFT"	JA SIMPSON - U/CHI - CPI	
1	5		NASA/ARC	LOA-PPO-12			HELIUM VECTOR MAGNETOMETER	HVM - "REDUCTION AND ANALYSIS OF PN 11 VECTOR HELIUM MAGNETOMETER DATA"	EJ SMITH - JPL / HVM	
1	5		NASA/ARC	NAG2-571			GEIGER TUBE TELESCOPE	GTT - "CONTINUING ANALYSIS AND INTERPRETATION OF DATA FROM PN 10/11"	JA VAN ALLEN - U/IA / GTT	

PIONEER PROJECT
PIONEER 12

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
2	**1**								***PN 12 - INVESTIGATOR REPORTS & PUBLICATIONS & PROGRAM REVIEWS***		
2	1			NASA/ARC	PN 12 - PPO-4812			ORBITER PLASMA ANALYSER	OPA - REPORTS & PUBLICATIONS & PROGRAM REVIEWS	A BARNES / ARC / OPA	
2	1			NASA/ARC	PN 12 - NAG2-644			ORBITER ELECTRON TEMPERATURE PROBE	OETP -REPORTS & PUBLICATIONS & PROGRAM REVIEWS	LH BRACE / U/MI / OETP	
2	1			NASA/ARC	PN 12 - NAG2-566			ORBITER ION MASS SPECTROMETER	OIMS - REPORTS & PUBLICATIONS & PROGRAM REVIEWS	PA CLOUTER / RICE / OIMS	
2	1			NASA/ARC	PN 12 - NAG2-488			INTERDISCIPLINARY SCIENTIST	IDS - REPORTS & PUBLICATIONS	TM DONAHUE / U/MI / MOD	
2	1			NASA/ARC	PN 12 - PPO-4880			ORBITER ION MASS SPECTROMETER	OIMS - REPORTS & PUBLICATIONS	RE HARTLE - GSFC / OIMS	
2	1			NASA/ARC	PN 12 - NAG2-143			INTERDISCIPLINARY SCIENTIST	IDS - REPORTS & PUBLICATIONS	DM HUNTEN / U/AZ / MONU	
2	1			NASA/ARC	PN 12 - NAS2-12912			ORBITER PLASMA ANALYSER	OPA - REPORTS & PUBLICATIONS & PROGRAM REVIEW	DS INTRILIGATOR - CRC / OPA	
2	1			NASA/ARC	PN 12 - NAS2-12313			ORBITER PLASMA ANALYSER	OPA - REPORTS & FINAL REPORT	DS INTRILIGATOR - CRC / OPA	
2	1			NASA/ARC	PN 12 - LOA PPO-4847			ORBITER ATMOSPHERIC DRAG	OAD - REPORTS & PUBLICATIONS	GM KEATING / LARC / OAD	
2	1			NASA/ARC	PN 12 - A59511C &			ORBITER GAMMA BURST DETECTOR	OGBD - REPORTS & PUBLICATIONS	RW KLEBASADEL / LASL / OGBD	
2	1			NASA/ARC	PN 12 - LOA PPO-4231			ORBITER RADIO OCCULATION	REPORTS & PUBLICATIONS	AJ KLIORE / JPL / MORK	
2	1			NASA/ARC	PN 12 - NAS2-12902			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - REPORTS & PUBLICATIONS	WC KNUDSEN / KGR / ORPA	
2	1			NASA/ARC	PN 12 - NAS2-12374			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - REPORTS & PUBLICATIONS & PROGRAM REVIEW	WC KNUDSEN / KGR / ORPA	
2	1			NASA/ARC	PN 12 - A28198C			INTERDISCIPLINARY SCIENTIST	IDS - REPORTS & PUBLICATIONS	H MASURSKY / USGS / IDS	
2	1			NASA/ARC	PN 12 - NAG2-491			INTERDISCIPLINARY SCIENTIST	IDS - REPORTS & PUBLICATIONS	AF NAGY / U/MI / IDS	
2	1			NASA/ARC	PN 12 - LOA PPO-4832			ORBITER NEUTRAL MASS SPECTOMETER	ONMS - REPORTS & PUBLICATIONS & PROGRAM REVIEW	HB NIEMANN / GSFC / ONMS	
2	1			NASA/ARC	PN 12 - PPO-4711			INTERDISCIPLINARY SCIENTIST	IDS - REPORTS & PUBLICATIONS	JB POLLACK / NASA/ARC / MPOL	
2	1			NASA/ARC	PN 12 - NAG2-501			ORBITER MAGNETOMETER	OMAG - REPORTS & PUBLICATIONS & PROGRAM REVIEW	CT RUSSELL / UCLA / OMAG	
2	1			NASA/ARC	PN 12 - NAG2-504			ORBITER UV SPECTROMETER	OUVS - REPORTS & PUBLICATIONS & PROGRAM REVIEW	AIF STEWART / COLO / OUVS	
2	1			NASA/ARC	PN 12 - NAG2-485			ORBITER ELECTRIC FIELD DETECTOR	OEFD - REPORTS & PUBLICATIONS & PROGRAM REVIEW	RJ STRANGEWAY / UCLA / OEFD	
2	1			NASA/ARC	PN 12 - LOA PPO-4841			ORBITER CHARGED PARTICLE POLARIMETER	OCPP - REPORTS & PUBLICATIONS & PROGRAM REVIEW	LD TRAVIS / GISS / OCPP	
2	1			NASA/ARC	PN 12 - LOA PPO-4813			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - REPORTS & PUBLICATIONS & PROGRAM REVIEW	RC WHITTEN / NASA/ARC / ORPA	
2	1			NASA/ARC	PN 12 - LOA-4940			ORBITER RADIO OCCULATION	REPORTS & PUBLICATIONS	R WOO / JPL	
2	**2**								***PN 12 - INVESTIGATOR GRANTS & LOA FILES, A-Kli***		
2	2			NASA/ARC	PN 12 - LOA PPO-4812			ORBITER PLASMA ANALYSER	OPA - "REDUCTION & ANALYSIS OF PLASMA ANALYSER DATA FROM PV ORBITER"	A BARNES - NASA/ARC / OPA	
2	2			NASA/ARC	PN 12 -LOA PPO-A4836			ORBITER ELECTRON TEMPERATURE PROBE	OETP - "CONTINUED PROCESSING, ANALYSIS & PUBL OF ORBITER ELECTRON TEMPERATURE PROBE DATA"	LH BRACE - GSFC / OETP	
2	2			NASA/ARC	PN 12 - NAG2-644			ORBITER ELECTRON TEMPERATURE PROBE	OETP - "CONTINUED PROCESSING & ANALYSIS OF DATA FROM PV OETP"	LH BRACE - U.MICH / OETP	
2	2			NASA/ARC	PN 12 - NAG2-566			ORBITER ION MASS SPECTROMETER	OEMS - "DATA REDUCTION , ANALYSIS, DISSEMINATION OF PV ORBV ION MASS SPECTROMETER"	PA CLOUTIER / RICE / OEMS	
2	2			NASA/ARC	PN 12 - NAG2-488			INTERDISCIPLINARY SCIENTIST	IDS -"INTERDISCIPLINARY SCIENTIST PV MISSION"	TM DONAHUE / U/MI / MOD	
2	2			NASA/ARC	PN 12 -A47981B			ORBITER GAMMA BURST DETECTOR	OGBD - "REDUCTION, ANALYSIS & REPORTING OF DATA FROM PVO GAMMA BURST DETECTOR	W EVANS - LASL/OGBD	
2	2			NASA/ARC	PN 12 - LOA PPO-4878			ORBITER GAMMA BURST DETECTOR	OGBD - "REDUCTION, ANALYSIS & REPORTING OF DATA FROM PVO GAMMA BURST DETECTOR	W EVANS - LASL/OGBD	
2	2			NASA/ARC	PN12 - LOA PPO-A4841			ORBITER CHARGED PARTICLE POLARIMETER	OCPP - DATA ANALYSIS GISS CLOUD PHOTOPOLARIMETER EXPERIMENT	JE HANSEN GISS / OCPP	
2	2			NASA/ARC	PN 12 - PPO-4880			ORBITER ION MASS SPECTROMETER	OIMS - "REDUCTION, ANALYSIS, DISSEMINATION & PUBLICATION OF DATA FROM OIMS ON PV MISSION"	RE HARTLE / GSFC / OIMS	
2	2			NASA/ARC	PN 12 - LOA PPO 4836A			ORBITER ELECTRON TEMPERATURE PROBE	OETP - DATA ANALYSIS OF ONMS & OETP DATA...GRAVITY & PLASMA WAVES	WR HOEGY - GSFC / OETP	
2	2			NASA/ARC	PN 12 - NAG2-143			INTERDISCIPLINARY SCIENTIST	PARTICIPATION IN PV MISSION	DM HUNTEN - U/AZ / MOHU	
2	2			NASA/ARC	PN 12 - NAS2-12313			ORBITER PLASMA ANALYSER	OPA - "DATA ANALYSIS SUPPORT FOR PV ORB PLASMA ANALYSER ON PV MISSION"	DS INTRILIGATOR - CRC / OPA	
2	2			NASA/ARC	PN 12 - NAS2-9478 (4869)			ORBITER PLASMA ANALYSER	OPA - DATA ANALYSIS...PLASMA ANALYSER	DS INTRILIGATOR - USC / OPA	
2	2			NASA/ARC	PN 12 - NAS2-12912			ORBITER PLASMA ANALYSER	OPA - DATA ANALYSIS OF PVO PLASMA ANALYSER EXPERIMENT	DS INTRILIGATOR - CRC / OPA	
2	2			NASA/ARC	PN 12 - NAG2-687			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - ANALYSIS OF ORPA DATA	DE JONES / BYU / ORPA	
2	2			NASA/ARC	PN 12 -LOA PPO-4847			ORBITER ATMOSPHERIC DRAG	OAD - "REDUCTION, ANALYSIS, DISSEMINATION & PUBLICATION OF DATA FOR PV OAD"	GM KEATING - LARC / OAD	
2	2			NASA/ARC	PN 12 -LOA PPO- A59511C			ORBITER GAMMA BURST DETECTOR	OGBD - "DATA ANALYSIS OF PV ORBITER GAMMA RAY BURST'	RW KLEBESADEL / LANL / OGBD	
2	2			NASA/ARC	PN 12 - LOA PPO-4231			ORBITER RADIO OCCULATION	"DATA PROCESSING AND ANALYSIS OF ORBITER RADIO OCCULATION EXPERIMENT"	AJ KLIORE / JPL / MORK	
2	**3**								***PN 12 - INVESTIGATOR GRANTS & LOA FILES Knu - Rus***		
2	3			NASA/ARC	PN 12 - NAS2-9481 (4872)			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - "DATA ANALYSIS - RETARDING POTENTAIL ANALYSER"	WC KNUDSEN - LMSC / ORPA	
2	3			NASA/ARC	PN 12 - NAS2-12374			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - "PV DATA ANALYSIS FOR THE RPA"	WC KNUDSEN - KGR / ORPA	
2	3			NASA/ARC	PN 12 - NAS2-11937			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - "DATA ANALYSIS FROM ORPA"	WC KNUDSEN / USCS / ORPA	
2	3			NASA/ARC	PN 12 - NAS2-11937			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - "PV DATA ANALYSIS FOR THE RPA"	WC KNUDSEN - USCS / ORPA	
2	3			NASA/ARC	PN 12 - NAS2-12902			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - "REDUCTION, ANALYSIS, DISSEMINATION & PUBLICATION OF ORPA DATA ON PV MISSION"	WC KNUDSEN - KGR / ORPA	
2	3			NASA/ARC	PN12 - NAS2-9129			INTERDISCIPLINARY SCIENTIST	IDS - PI CARTOGRAPHY & GEOLOGY (RADAR MAPPER EXP)	H MASURSKY - USCS / IDS	
2	3			NASA/ARC	PN 12 - A28198C			INTERDISCIPLINARY SCIENTIST	IDS - "MISSION OPERATIONS SUPPORT & DATA ANALYSIS FOR PV RADAR MAPPER EXPERIMENT"	H MASURSKY - USCS / IDS	
2	3			NASA/ARC	PN 12 - NAG2-264			INTERDISCIPLINARY SCIENTIST	PHOTOCHEMICAL MODELING OF VENUS' CLOUDS USING PV DATA	MB MCELROY - HARVARD	
2	3			NASA/ARC	PN 12 - NAG2-491			INTERDISCIPLINARY SCIENTIST	IDS - "INTERDISCIPLINARY SCIENTIST - PV MISSION"	AF NAGY - U/MICH / IDS	
2	3			NASA/ARC	PN 12 - LOA PPO-4832			ORBITER NEUTRAL MASS SPECTROMETER	ONMS - "REDUCTION, ANALYSIS, DISSEMINATION, & PUBL, OF DATA FROM NMS EXP ON PV MISSION"	HB NIEMANN - GSFC / ONMS	
					PN 12 - NAS2-9473 (4862)			INTERDISCPLINARY SCIENTIST	IDS -" DATA ANALYSIS FOR RADAR MAPPER INSTRUMENT"	GH PETTENGILL - MIT / ORPA	
2	3			NASA/ARC	PN 12 -LOA PPO-4711			INTERDISCIPLINARY SCIENTIST	IDS - "REDUCTION, ANALYSIS, DISSEMINATION & PUBLICATION OF DATA ON PV MISSION"	JB POLLACK / NASA/ARC / MPOL	
2	3			NASA/ARC	PN 12 - 2-9491			ORBITER MAGNETOMETER	OMAG - "DATA ANALYSIS GOT PVO MAGNETOMETER ON PV MISSION"	CT RUSSELL / UCLA /OMAG	
2	**4**								***PN 12 - INVESTIGATOR GRANTS & LOA FILES Rus - Z***		
2	4			NASA/ARC	PN 12 - NAG2-501			ORBITER MAGNETOMETER	OMAG - "ANALYSIS OF MAGNETIC FIELD DATA FROM PV ORBITER"	CT RUSSELL / UCLA / OMAG	
2	4			NASA/ARC	PN 12 - NAS2-12383			ORBITER MAGNETOMETER	OMAG - "DATA ANALYSIS SUPPORT FOR PV ORBITER MAGNETOMETER ON PV MISSION	CT RUSSELL / UCLA / OMAG	
2	4			NASA/ARC	PN 12-NAS2-12319			ORBITER ELECTRIC FIELD DETECTOR	OEFD - "DATA ANALYSIS - PVO OEFD DATA"	FL SCARF - TRW / OEFD	
2	4			NASA/ARC	PN 12 - NAS2-9482 (4876)			ORBITER ELECTRIC FIELD DETECTOR	OEFD - "DATA ANALYSIS - PVO OEFD DATA"	FL SCARF - TRW / OEFD	

2	4			NASA/ARC	PN 12 - NAS2-9482 (4876)			ORBITER ELECTRIC FIELD DETECTOR	OEFD - "DATA ANALYSIS - PVO OEFD DATA"	FL SCARF - TRW / OEFD
2	4			NASA/ARC	PN 12 -LOA PPO-4846			INTERDISCIPLINARY SCIENTIST, ORBITER	OID - "DETERMINATION & INTERPRETATION OF THE INTERNAL DENSITY DISTRIBUTION OF VENUS"	WL SJORGEN - JPL
2	4			NASA/ARC	PN 12 - NAG2-504			ORBITER ULTRAVIOLET SPECTROMETER	OUVS - "PV ORBITER UV SPECTROMETER OPERATIONS AND DATA ANALYSIS"	AIF STEWART / U/CO / OUVS
2	4			NASA/ARC	PN 12 -NAS2-9447			ORBITER ULTRAVIOLET SPECTROMETER	OUVS -DATA ANALYSIS PV ORBITER UV SPECTROMETER"	AIF STEWART / U/CO - OUVS
2	4			NASA/ARC	PN 12 - NAG2-485			ORBITER ELECTRIC FIELD DETECTOR	OEFD - "DATA ANALYSIS FOR PV ELECTRIC FIELD DETECTOR"	RJ STRANGEWAY / UCLA / OEFD
2	4			NASA/ARC	PN 12 - LOA PPO-A4838			ORBITER INFARED RADIOMETER	OIR - "DATA ANALYSIS PVO INFARED RADIOMETER EXPERIMENT"	F TAYLOR / JPL / OIR
2	4			NASA/ARC	PN 12 - LOA PPO-A4834			ORBITER ION MASS SPECTROMETER	OIMS - "DATA ANALYSIS & SUPPORT FOR PV BIMS & OIMS EXPERIMENTS"	HA TAYLOR - GSFC / OIMS
2	4			NASA/ARC	PN 12 -LOA PPO-4834			ORBITER ION MASS SPECTROMETER	OIMS - "REDUCTION & ANALYSIS OF PV ORB ION MASS SPECTROMETER DATA"	HA TAYLOR - GSFC / OIMS
2	4			NASA/ARC	PN 12 - LOA PPO-4841			ORBITER CHARGED PARTICLE POLARIMETER	OCPP - "REDUCTION, ANALYSIS, DISSEMINATION & PUBLICATION OF DATA FOR GISS ORB CLOUD PHOTOPOLARIMETER ON PV MISSION"	LD TRAVIS / GISS / OCPP
2	4			NASA/ARC	PN 12 - LOA PPO-A4813			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - DATA ANALLYSIS OF OPRA DATA - PV MISSION	RC WHITTEN / U/SC - RPA
2	4			NASA/ARC	PN 12 - PPO-4813			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - "REDUCTION, ANALYSIS, DISSEMINATION & PUBLICATION OF DATA FRO OPRA ON PV MISSION"	WHITTEN & MIHALOV / NASA/ARC / ORPA
2	4			NASA/ARC	PN 12 - LOA PPO-4812			ORBITER PLASMA ANALYSER	"ORBITER SOLAR WIND / PLASMA ANALYSER	JH WOLFE / ARC
2	4			NASA/ARC	PN 12 - LOA PPO-4940			RADIO OCCULATION - IDS	"A STUDY OF MAGNETIZATION OF THE IONOSPHERE OF VENUS USING PV RADIO OCCULATION MEASUREMENTS"	R WOO / JPL
2	4			NASA/ARC	PN 12 - NAG2-267			H2SO4 PRODUCTION	"PHOTOCHEMICAL PRODUCTION OF H2SO4 AEROSOLS ON VENUS	YL YUNG / CIT
2	**5**							**FOLDERS**	***PN 12 - PROPOSALS***	
2	5			NASA/ARC	PN-12 - LOA PPO-4812			ORBITER PLASMA ANALYSER	OPA - REDUCTION AND ANALYSIS OF PLASMA ANALYSER DATA FROM PVO	A BARNES / NASA/ARC / OPA
2	5			NASA/ARC	PN 12 - NAG2-644			ORBITER ELECTRON TEMPERATURE PROBE	OETP - CONTINUED PROCESSING AND ANALYSIS OF DATA FROM PVO ELECTRON TEMPERATURE PROBE	LH BRACE / U/MI / OETP
2	5			NASA/ARC	PN 12 - NAG2-566			ORBITER ION MASS SPECTROMETER	OIMS - DATA REDUCTION AND ANALYSIS OF PVO ION MASS SPECTROMENTER	PA CLOUTIER / RICE / OIMS
2	5			NASA/ARC	PN 12 - NAG2-488			INTERDISCIPLINARY SCIENTIST	IDS - PV MISSION INTERDISCIPLINARY SCIENTIST	TM DONAHUE / U/MI / MOD
2	5			NASA/ARC	PN 12 - PPO-4880			ORBITER ION MASS SPECTROMETER	OIMS - SUPPORT & ANALYSIS & INTERPRETATION OF PVO ION MASS SPECTROMETER DATA	RE HARTLE / GSFC / OIMS
2	5			NASA/ARC	PN 12 - LOA PPO-4836			ORBITER ELECTRON TEMPERATURE PROBE	CONTINUED PROCESSING AND ANALYSIS OF DATA FROM PVO ELECTRON TEMPERATURE PROBE	WR HOEGY / GSFC / OIMS
2	5			NASA/ARC	PN 12 - NAG2-143			INTERDISCIPLINARY SCIENTIST	CONTINUED PARTICIPATION IN PV MISSION	DM HUNTEN / U/AZ / MOHU
2	5			NASA/ARC	PN 12 - NAS2-10926			ORBITER PLASMA ANALYSER	OPA - PVO PLASMA ANALYSER DATA ANALYSIS	DS INTRILIGATOR / CRC / OPA
2	5			NASA/ARC	PN 12 - NAS2-12192 & PN 12 - NAS2-12313			ORBITER PLASMA ANALYSER	OPA - DATA ANALYSIS FOR PLASMA ANALYSER ON PVO	DS INTRILIGATOR / CRC / OPA
2	5			NASA/ARC	PN 12 - PPO-4847			ORBITER ATMOSPHERIC DRAG EXPERIMENT	OAD - PVO ATMOSPHERIC DRAG 1989-1993	GM KEATING / LaRC / OAD
2	5			NASA/ARC	PN 12 - A5911C & PN 12 - A2819C			ORBITER GAMMA BURST DETECTOR	OGBD - ANALYSIS OF DATA FROM PVO GAMMA BURST DETECTOR	R KLEBESADEL / LANL / OGBD
2	5			NASA/ARC	PN 12 - 4231			INTERDISCIPLINARY SCIENTIST	IDS - DATA COLLECTION, PROCESSING, ANALYSIS AND REPORTING FROM PVO RADIO OCCULATION	AJ KLIORE / JPL / MORK
2	5			NASA/ARC	PN 12 - NAS2-12902			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - PV DATA ANALYSIS FOR ORBITER RETARDING POTENTIAL ANALYSER	WC KNUDSEN / KGR / ORPA
2	5			NASA/ARC	PN 12 - A28198C			INTERDISCIPLINARY SCIENTIST	IDS - MISSION OPERATIONS & DATA ANALYSIS SUPPORT FOR PV RADAR MAPPER EXPERIMENT	H MASURSKY / USGS / IDS
2	5			NASA/ARC	PN 12 - NAG2-491			INTERDISCIPLINARY SCIENTIST	IDS - PV INTERDISCIPLINARY SCIENTIST	AF NAGY / U/MI / IDS
2	5			NASA/ARC	PN 12 - LOA PPO-4832			ORBITER NEUTRAL MASS SPECTROMETER	ONMS - CONTINUING ANAL;YSIS & PUBLICATION OF ORBITER NMS DATA - 1993	HB NIEMANN / GSFC / ONMS
2	5			NASA/ARC	PN 12 - LOA PPO--4711			INTERDISCIPLINARY SCIENTIST	IDS - STUDIES OF PORESENT & PAST ATMOSPHERES OF VENUS BASED ON PV DATA	JB POLLACK / NASA/ARC / MPOL
2	5			NASA/ARC	PN12 - NAG2-501			ORBITER MAGNETOMETER	OMAG - ANALYSIS OF MAGNETIC FIELD DATA FROM PVO	CT RUSSELL / UCLA / OMAG
2	5			NASA/ARC	PN 12 - NAG2-504			ORBITER ULTRAVIOLET SPECTROMETER	OUVS - OPERATIONS & DATA ANALYSIS OF PVO ULTRAVIOLET SPECTROMETER	AIF STEWART / COLO / OCPP
2	5			NASA/ARC	PN 12 - NAG2-485			ORBITER ELECTRIC FIELD DETECTOR	OEFD - DATA ANALYSIS FOR PV ELEC. FIELD DETECTOR	RJ STRANGWAY / UCLA / OEFD
2	5			NASA/ARC	PN 12 - LOA PPO-4841			ORBITER CHARGED PARTICLE POLARIMETER	OCPP - DATA ANALYSIS AND SUPPORT GISS OCPP EXPERIMENT 1989-1994 OF PVO MISSION	LD TRAVIS / GISS / OCPP
2	5			NASA/ARC	PN 12 - PPO-A4813			ORBITER RETARDING POTENTIAL ANALYSER	ORPA - REDUCTION & ANALYSIS OF DATA FROM RETARDING POTENTAIL ANALYSER EXPERIMENT ON BOARD PVO	RC WHITTEN / NASA/ARC / ORPA
2	5			NASA/ARC	PN 12 - LOA PPO-4812			ORBITER PLASMA ANALYSER	ORBITER SOLAR WIND / PLASMA ANALYSER	JH WOLFE / ARC

PIONEER PROJECT
PIONEER VENUS

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
3	**1**								***PIONEER VENUS - GUEST INVESTIGATORS A-E***		
3	1			NASA/ARC	PVGI - LOA 6003			LYMAN-ALPHA	"SIMULTANEOUS OBSERVATION OF INTERPLANETARY LYMAN-ALPHA EMISSION BY PV & GLL: INTERACTION SOLAR WIND & SOLAR LYMAN-ALPHA WITH INTERPLANETARY GAS"	JM AJELLO - JPL	
3	1			NASA/ARC	PVGI - NAG2-393			SOLAR FLARES	"MEASUREMENT OF SPATIAL STRUCTURE & DIRECTIVITY OF 100 KEV PHOTON SOURCES IN SOLAR FLARES USING PVO AND ISEE-3 SPACECRAFT"	KA ANDERSON - UC/BER	
3	1			NASA/ARC	PVGI			FOLDER	"LOCAL VARIABILITY"	J APPLEBY / JPL	
3	1			NAS/ARC	PVGI - LOA PPO-6001			STAR SENSOR	"STAR SENSOR SEARCH FOR VENUSIAN LIGHTENING & ASHEN LIGHT"	WJ BORUCKI / NASA/ARC	
3	1			NASA/ARC	PVGI - NAG2-519			IONO & THERMOSPHERE	"SOLAR WIND VARIATIONS OF VENUS IONOSPHERE-THERMOSPHERE"	SW BOUGHER / U/AZ	
3	1			NASA/ARC	PVGI - NAG2-679			THERMOSPHERE	"VENUS LOWER THERMOSPHERE STUDIES"	SW BOUGHER - U/AZ	
3	1			NASA/ARC				VENUS II	VENUS II BOOK	SW BOUGHER - U/AZ	
3	1			NASA/ARC	PVGI - NAG2768			CRUSTURAL STRUCTURE	"ANALYSIS OF CRUSTAL STRUCTURE OF VENUS UTILIZING RESIDUAL LINE OF SIGHT GRAVITY ACCELERATION & SURFACE TOPOGRAPHY DATA"	CO BOWIN - WHOI	
3	1			NASA/ARC	PVGI-NAS2-13052			SOLAR WIND	"HYBRID SIMULATIONS OF GLOBAL VENUS/SOLAR WIND INTERACTION"	SH BRECHT / BRAI	
3	1			NASA/ARC	PVGI - NAG2-520			PLASMA WAVE	"AN INVESTIGATION OF PLASMA WAVE PHENONENA ASSOCIATED WITH THE QUESTION OF LIGHTNING ON VENUS"	DL CARPENTER - STANFORD	
3	1			NASA/ARC	PVGI - LOA 6006			GRAVITY FIELD	"OPTIMAL FILTERING OF VENUS ORBITER DATA FOR GRAVITY FIELD RECOVERY"	EJ CHRISTENSEN - JPL	
3	1			NASA/ARC	PVGI - NAG2-517			ATMOSPHERIC TEMPERATURE	"CORRELATIVE STUDIES OF GROUND BASED MICROWAVE ATMOSPHERIC TEMPERATURES"	RT CLANCY / U/CO	
3	1			NASA/ARC	PVGI -			LOWER ATMOSPHERE	UTILIZATION OF S - & X-BAND...PVO RADAR OBSERVATIONS...SURFACE OF LOWER ATMOSPHERE OF VENUS"	PE CLARK	
3	1			NASA/ARC	PVGI - LOA PPO-6004			PV IMAGERY	"CORRELATION STUDIES OF PV IMAGAERY"	D CRISP / RICE	
3	1			NASA/ARC	PVGI - NAS2-11789			IONOSPHERE	"TURBULENT FLOW IN VENUS IONOSPHERE"	RE DANIELS	
3	1			NASA/ARC	PVGI -			ATMOSPHERIC WAVES	""VENUS ATMOSPHERIC WAVE DYNAMICS"	LS ELSON	
3	**2**								***PIONEER VENUS - GUEST INVESTIGATORS F-L***		
3	2			NASA/ARC	PVGI - LOA 6005			CORONAL MASS EJECTIONS	"MULTIPLE SPACECRAFT OBSERVATION OF CORONAL MASS EJECTIONS TRANSIENTS IN SPACE"	J FEYNMAN - JPL	
3	2			NASA/ARC	PVGI - NAG2-518			SOLAR WIND	"INVESTIGATION OF SOME ASPECTS OF THE SOLAR WIND--VENUS INTERACTION"	EG FONTHEIM / U/MI	
3	2			NASA/ARC	PVGI - NAG2-523			IONOSPHERE	"STUDIES OF THE CHEMISTRY OF NIGHTSIDE OF THE IONOSPHERE OF VENUS"	JL FOX - SUNY	
3	2			NASA/ARC	PVGI - NAG2-680			CLOUD PATTERNS	"VENUS CLOUD PATTERNS & MOTIONS"	PJ GIERASCH - CORNELL	
3	2			NASA/ARC	PVGI - NAS2-12247			FORESHOCK & UPSTREAM WAVE	"INVESTIGATION OF CHARACTERIZATION OF VENUS FORESHOCK & UPSTREAM WAVE ENVIRONMENT"	EW GREENSTADT / TRW	
3	2			NASA/ARC	PVGI-LOA-PPO-6002			IONOSHEATH	"QUANTITATIVE MODELING OF VENUS IONOSHEATH"	M HAREL / JPL	
3	2			NASA/ARC	PVGI - R/A94583C			LOWER IONOZATION	"THEORETICAL INVESTIGATION OF WAVE STRUCTURE IN LOWER IONOZATION OF VENUS"	JD HUBA - NRL	
3	2			NASA/ARC	PVGI - NAG2-753			ATMOSPHERES	"RADIO OCCULATION STUDIES OF PLANETARY ATMOSPHERES AND CORRELATIVE STUDIES"	JM JENKINS - SETI	
3	2			NASA/ARC	PVGI - NAG2-263			IONOSPHERE	"VENUS IONOSPHERE:INVESTIGATION...COMPOSITION & STRUCTURE"	S KUMAR / U/AZ	
3	2			NASA/ARC	PVGI - NAG2-265			VENUS IN MOTION	"VENUS IN MOTION: AN ANIMATED VIDEO CATALOG"	SS LIMAYE / U/WI	
3	**3**								***PIONEER VENUS - GUEST INVESTIGATORS M-S***		
3	3			NASA/ARC	PVGI - A16821D			SOLAR WIND	"MHD SIMULATION OF MASS LOADING FOR VENUS SOLAR WIND INTERACTION"	JE MCGRARY - CLARKSON	
3	3			NASA/ARC	PVGI - A10941B			ATOMIC OXYGEN ABUNDANCE	"DETERMINATION OF ATOMIC OXYGEN ABUNDANCE FOR ANALYSIS OF DATA FROM OUVS	RR MEIER / NNRL	
3	3			NASA/ARC	PVGI - NAG2-465			GRAVITY & MORPHOLGY	"A COMBINED ANALYSIS OF VESUVIAN GRAVITY & SURFACE MORPHOLOGY"	P MORGAN - U/N AZ	
3	3			NASA/ARC	PVGI - NAG2-262			TERRAIN	"TERRAIN ANALYSIS OF PV ALTIMETRY DATA"	P MOUGININ-MARK U/HI	
3	3			NASA/ARC	PVGI - LOA 6007			GRAVITATIONAL FIELD	"HIGH RESOLUTION MODEL OF VESUVIAN GRAVITATIONAL FIELD USING TRACKING DATA FROM PV ORBITER"	RS NEREM - GSFC	
3	3			NASA/ARC	PVGI - LOA-A21066C			LYMAN-ALPHA	"ANALYSIS OF PVO UV SPECTOMETER LYMAN-ALPHA AIRGLOW DATA"	LJ PAXTON / NNRL	
3	3			NASA/ARC	PVGI - NAG2-681			VENUS INFERIOR CONJUNCTION	"CORRELATION STUDIES OF PV IMAGERY OBTAINED FROM PV EXPERIMENTS WITH NEAR-IR IMAGERY OBTAINED FROM GROUND BASED OBSERVATION DURING VENUS INFERIOR CONJUNCTION"	B RAGENT - SJS	
3	3			NASA/ARC	PVGI - NAG2-266			MERIDIONAL CIRCULATION	"DIAGNOSTIC MODELING OF MERIDIONAL CIRCULATION OF VENUS	HE REVERCOMB - U/WI	
3	3			NASA/ARC	PVGI - NAS2-12070			ATOMIC HYDROGEN	"THE AERONOMY OF ATOMIC HYDROGEN ON THE DAY & NIGHTSIDES OF VENUS"	JM RODRIQUEZ - AER	
3	3			NASA/ARC	PVGI - A34961C			MAGNETOSHEATH	"VENUS MAGNETOSHEATH: PLASMA WAVE TURBULENCE"	P RODRIQUEZ - NRL	
	3			NASA/ARC	PVGI - A21065C			CORONAL MASS EJECTIONS	"CORONAL MASS EJECTIONS & SHOCKS AT VENUS"	N SHEELEY / NNRL	
3	3			NASA/ARC	PVGI - NAS2-13602			NIGHTGLOW SPECTRA	"A STUDY ON PV NIGHTGLOW SPECTRA"	TG SLANGER - SRI	
3	3			NASA/ARC	PVGI - NAG2-13343			NIGHTGLOW SPECTRA	"A STUDY ON PV NIGHTGLOW SPECTRA"	TG SLANGER - SRI	
	3			NASA/ARC	PVGI - NAS7-100			MAGNETOTAIL	"A STUDY OF THE VENUS MAGNETOTAIL"	JA SLAVIN / JPL	
3	3			NASA/ARC	PVGI - NAG2-553			SOLAR WIND TURBULANCE	"RADIAL EVOLUTION OF THE SOLAR WIND TURBULANCE WITH APPLICATIONS TO CHARGED PARTICLE TRANSPORT"	CW SMITH - BARTOL	
	3			NASA/ARC	PVGI - NAS2-12071			PLASMA ENVIRONMENT	"3-D SIMULATION - DATA INTERACTION FOR PLASMA ENVIRONMENT OF VENUS"	DF SMITH / BERK RES ASSOC	
3	3			NASA/ARC	PVGI - NAG2-515			13cm ABSORPTIVITY	"PV RADIO OCCULATION DATA REDUCTION: PROFILES OF 13cm ABSORPTIVITY"	PG STEFFES / GEO TECH	
3	3			NASA/ARC	PVGI - NAG2-692			SOLAR WIND	"MAGNETIC EFFECTS IN VENUS / SOLAR WIND INTERACTION"	RS STEINOLFSON - SRI	

3	3			NASA/ARC	PVGI - LOA PPO-6005			MAGNETOSPHERE	"PV DATA ANALYSIS-INVESTIGATION OF THE INTERACTION LAYERS OF SOLAR WIND & PLANETARY IONS IN THE MAGNETOSPHERE OF NON-MAGNETIC PLANETS"	K SZEGO - CRIP	
3	**4**								***PIONEER VENUS - GUEST INVESTIGATORS T-Z***		
3	4			NASA/ARC	PVGI - RA94582C			IONOPAUSE	"STABILITY OF VENUS IONOPAUSE"	VA THOMAS - LANL	
3	4			NASA/ARC	PVGI - NAG2-765			GAMMA RAYS	"SEARCH FOR GAMMA RAYS FROM THE DECAY OF SN87A NEUTRINOS"	MS TURNER - U/CHI	
3	4			NASA/ARC	PVGI - NAG2-524			VOLCANISM & TECHTONICS	"A HEATPIPE MECHANISM FOR VOLCANISM AND TECHTONICS ON VENUS"	DL TURCOTTE / CORNELL	
3	4			NASA/ARC	PVGI - NAG2-521			SOLAR FLARES	"CONSTRUCTION & ANALYSIS OF STEREOSCOP[]IC SOLAR FLARE OBSERVATIONS BY PVOSM SATELLITES"	WT VESTRAND - U/NH	
3	4			NASA/ARC	PVGI - NAG2-522			TELLUS REGIO	"GEOPHYSICAL ANALYSIS OF TELLUS REGIO, VENUS"	DR WILLIAMS / AZ STATE	
3	4			NASA/ARC	PVGI - NAG2-690			TECHTONIC ANALYSIS	"REGIONAL TECTONIC ANALYSIS OF VENUS"	DR WILLIAMS - CARNEGIE	
3	4			NASA/ARC	PVGI - NAG2-741			TECHTONIC ANALYSIS	"REGIONAL TECTONIC ANALYSIS OF VENUS EQUATORIAL HIGHLANDS AND COMPARISON WITH EARTHBASED AND MAGELLAN RADAR IMAGES"	DR WILLIAMS - CARNEGIE	
3	4			NASA/ARC	PVGI -			BOW SHOCK	"RESEARCH IN STRUCTURE OF VENUSIAN BOW SHOCK"	D WINSKE / LANL	
3	4			NASA/ARC	PVGI -			IONOSHEATH	"PLASMA STREAMERS, RAYS & CLOUDS IN VENUS IONOSHEATH"	RS WOLFF / JPL	
3	4			NASA/ARC	PVGI - NAS7-918			DISTURBANCES WITHIN 0.3AU	"PV RADIO OBSERVATIONS OF INTERPLANETARY DISTURBANCES WITHIN 0.3AU"	R WOO - JPL	
3	4			NASA/ARC	PVGI - NAG2-764			SULFUR, OXIDIZED & REDUCED	"QUANTITATIVE UNDERSTANDING OF CYCLES OF OXIDIZED & REDUCED SULFUR ON VENUS"	YL YUNG - CIT	
3	4			NASA/ARC				GUEST INVESTIGATOR-MISC	GUEST INVESTIGATOR - MISC.		
3	4			NASA/ARC				GUEST INVESTIGATOR-UNSOLICTED	GUEST INVESTIGATOR - UNSOLICITED PROPOSALS		
3	4			NASA/ARC				GUEST INVESTIGAOR-REJECTS	GUEST INVESTIGATOR - REJECTED APPLICATIONS		
3	**5**								***PIONEER VENUS - SCIENCE STEERING GROUP MEETINGS***		
3	5			NASA/ARC	SSG		13-14SEP93	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		22-24MAR93	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		9-11SEP92	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	OMOP / EPC		30-31JUL92	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		23-27MAR92	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		30SEP-3OCT91	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		18-21MAR91	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		24-27SEP90	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		2-23MAR90	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG - PLENARY SESSION		11-13SEP89	SSG MEETING	SSG MEETING UCLA, CA		
3	5			NASA/ARC	SSG		20-22MAR89	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG - PLENARY SESSION		14-16SEP88	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		1979	SSG MEETING	SSG MEETING MISC		
3	5			NASA/ARC	SSG		1978	SSG MEETING	SSG MEETING MISC.		
3	5			NASA/ARC	SSG		1-2MAY78	SSG MEETING	SSG MEETING NASA/ARC, CA		
3	5			NASA/ARC	SSG		05-Dec-77	SSG MEETING	SSG MEETING NASA/ARC, CA		

PIONEER PROJECT
PIONEER VENUS - CONTRACT NASA-8300

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
4	**1**								***PROPELLANT SUPPLY ASSY & LINE HEATER ASSY***		
4	1			TRW	406052-1		1971-1972	-Y-AXIS & HEATER ASSY	- Y AXIS LINE & HEATER ASSY, S/N 004-BLACK BOX TEST DATA PKG		
4	1			TRW	406052-1	B		-Y-AXIS & HEATER ASSY	- Y AXIS LINE & HEATER ASSY, S/N 005-BLACK BOX TEST DATA PKG		
4	1			TRW	406052-1			-Y-AXIS & HEATER ASSY	- Y AXIS LINE & HEATER ASSY, S/N 0042BLACK BOX TEST DATA PKG		
4	1			TRW	406049-1	B		+Y-AXIS & HEATER ASSY	+ Y AXIS LINE & HEATER ASSY, S/N 003-BLACK BOX TEST DATA PKG		
4	1			TRW	406049-1			+Y-AXIS & HEATER ASSY	+ Y AXIS LINE & HEATER ASSY, S/N 002-BLACK BOX TEST DATA PKG		
4	1			TRW	406052-1	B		-Y-AXIS & HEATER ASSY	-Y AXIS LINE & HEATER ASSY, S/N 003-BLACK BOX TEST DATA PKG		
4	1			TRW	406050-1	A1		PROPELLANT SUPPLY	PROPELLANT SUPPLY ASSY, S/N 002 - BLACK BOX TEST DATA PKG		
4	1			TRW	406050-2			PROPELLANT SUPPLY	PROPELLANT SUPPLY ASSY, S/N 004 - BLACK BOX TEST DATA PKG		
4	1			TRW	406050-2	A3		PROPELLANT SUPPLY	PROPELLANT SUPPLY ASSY, S/N 003 - BLACK BOX TEST DATA PKG		
4	1			TRW	121720-2			WOBBLE DAMPER	WOBBLE DAMPER, S/N 001, BLACK BOX TEST DATA PKG		
4	1							SUN SENSOR	SUN SENSOR CRITICAL DESIGN REVIEW, CLOSEOUT REPORT		
4	1							SUN SENSOR	SUN SENSOR ASSY - EQUIPMENT SPECS		
4	1			NASA/ARC				VALVE THERMAL	PN F/G VALVE THERMAL VERIFICATION - TEST REPORT		
4	1			NASA/ARC				MANEUVER	PN 10 - MID COURSE MANEUVER		
4	1			NASA/ARC				HGA	PN 10 - HIGH GAIN ANTENNA - 501-		
4	1			BFEC	BFEC/ARC0335B			SOLDPS	SOLDPS USERS GUIDE		
4	1			TRW	D0022335		29-Sep-70	S/C MANUAL	SPACECRAFT MANUAL- 2 FOLDERS		
4	1			BFEC			Nov-73	PRESS	PIONEER 10 TO JUPITER - BENDIX PRESS REFERENCE		
4	1			BFEC				PCOM	PCOM - PIONEER COMMAND SYSTEM - TECHNICAL MEMO SERIES - 2 FOLDERS		
4	1			BFEC	BFEC/ARC-022			REAL TIME SIMULATION	PIONEER F - PROGRAM DOCUMENT FOR REAL TIME SIMULATION SYS (UNIVAC 1108		
4	1			TRW	PFG.290.525			FLT OPS	BACK UP FLIGHT OPERATIONS PROGRAM		
4	1			NASA/ARC				SCAN MAPS	PIONEER 10 SCAN MAPS (LAUNCH OF 2MAR72)		
4	1			NASA/ARC				COMMAND SYS	PIONEER 10 COMMAND SYSTEM PERFORMANCE REVIEW		
4	1			BFEC				MASTER DATA RECORD	MASTER DATA RECORD GENERATION - DETAILED DESIGN DOCUMENT - 2 FOLDERS		
4	**2**								***1977 HAC - CORRESPONDENCE, CHANGES TO DOCS.***		
4	2			HAC	2231.1		1977	CORRESPONDENCE	*1977 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	2			NASA/ARC	2231.1		1977	CORRESPONDENCE	*1977 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	2			HAC	2231.1		1977	CORRESPONDENCE	*1977 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	2			NASA/ARC	2231.1		1977	CORRESPONDENCE	*1977 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	**3**								***1977 HAC - CORRESPONDENCE, CHANGES TO DOCS.***		
4	3			HAC	2231.1		1977	CORRESPONDENCE	*1977 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	3			NASA/ARC	2231.1		1977	CORRESPONDENCE	*1977 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	3			HAC	2231.1		1977	CORRESPONDENCE	*1977 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	3			NASA/ARC	2231.1		1977	CORRESPONDENCE	*1977 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	**4**								***1978 HAC - CORRESPONDENCE, CHANGES TO DOCS.***		
4	4			HAC	2231.1		1978	CORRESPONDENCE	*1978 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	4			NASA/ARC	2231.1		1978	CORRESPONDENCE	*1978 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	4			HAC	2231.1		1978	CORRESPONDENCE	*1978 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	4			NASA/ARC	2231.1		1978	CORRESPONDENCE	*1978 - HAC CORRESPONDENCE AND CHANGE TO DOCS*		
4	**5**								***THRUSTER CLUSTER ASSEMBLY, NAS2-5600***		
4	5			TRW	405920.1	C		THRUSTER CLUSTER	THRUSTER CLUSTERASSEMBLY -S/N 006 - BLACK BOX TEST DATA PKG		

4	5			TRW	405920.1	C		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY- S/N 008 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-1	C		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N OO9 - BLACK BOX TEST DATA PKG.			
4	5			TRW	405920-1	D6		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 006 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-1	D6		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 007 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-1	D6		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 008 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-1	D6		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 009 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-1	D6		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 010 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-1	D6		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 011 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920.1	D6		THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 012 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-3			THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY -S/N 003 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-3			THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 004 - BLACK BOX TEST DATA PKG			
4	5			TRW	405920-3			THRUSTER CLUSTER	THRUSTER CLUSTER ASSEMBLY - S/N 005 - BLACK BOX TEST DATA PKG			

PIONEER PROJECT
PIONEER VENUS

FILE #	DRAWER #	ITEM	UFI#	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
5	**1**								***PV - SPECIFICATIONS - PC-454 TO PC-496***		
5	1			NASA/ARC	PC-454 - VOL I			REAL TIME SOFTWARE	REAL TIME SOFTWARE REQUIREMENTS 450.00 - 454.05		
5	1			NASA/ARC	PC-454 - VOL II			REAL TIME SOFTWARE	REAL TIME SOFTWARE REQUIREMENTS 454.06 - 454.18		
5	1			NASA/ARC	PC-454 - VOL III			REAL TIME SOFTWARE	REAL TIME SOFTWARE REQUIREMENTSS 454.19 - 454.30		
5	1			NASA/ARC	PC-455			SOFTWARE	COMMAND & CONTROL DATA PROCESSING SYSTEM SOFTWARE SPECIFICATION		
5	1			NASA/ARC	PC-456			DRPS	DATA RECORDS PROCESSING SYSTEM (DRPS)		
5	1			NASA/ARC	PC-457			COMPUTER REQUIREMENTS	FUNCTIONAL REQUIREMENTS FOR COMPUTER PROGRAM FOR MIDCOURSE MANEUVERS		
5	1			NASA/ARC	PC-458			SOFTWARE	SPACECRAFT SIMULATOR SOFTWARE SPECIFICATION		
5	1			NASA/ARC	PC-460			S/C BUS SCI INSTRUMENT	REQUIREMENTS FOR BUS SPACECRAFT SCIENCE INSTRUMENT SYSTEMS TEST		
5	1			NASA/ARC	PC-461			S/C LG PRB SCI INSTRUMENT	REQUIREMENTS FOR LARGE PROBE SPACECRAFT SCIENCE INSTRUMENT SYSTEMS TEST		
5	1			NASA/ARC	PC-462			S/C SML PRB SCI INSTRUMENT	REQUIREMENTS FOR SMALL PROBE SPACECRAFT SCIENCE INSTRUMENTS SYSTEMS TEST		
5	1			NASA/ARC	PC-463			S/C ORBITER SCI INSTRUMENT	REQUIREMENTS FOR ORBITER SPACECRAFT SCIENCE INSTRUMENTS SYSTEMS TEST		
5	1			NASA/ARC	PC-470			MLTPRB	PV MULTIPROBE MISSION PLAN		
5	1			NASA/ARC	PC-474			ORBITER	PV ORBITER MISSION PLAN - GENERAL		
5	1			NASA/ARC	PC-476			ORBITER	PLANS FOR ORBITER PROPULSION MANEUVERS		
5	1			NASA/ARC	PC-488			ORBITER	PV ORBITER IN-ORBIT OPERATIONS		
5	1			NASA/ARC	PC-490			MULTPRB & ORBITER	FLIGHT ENVIRONMENTS FOR MULTIPROBE & ORBITER MISSIONS		
5	1			NASA/ARC	PC-491			MLTPRB & ORBITER	TARGETING CRITERIA FOR MULTIPROBE & ORBITER MISSIONS		
5	1			NASA/ARC	PC-495			PLANETARY CONTAMINATION	PV PRELAUNCH ANALYSIS OF PROBABILITY OF PLANETARY CONTAMINATION		
5	1			NASA/ARC	PC-496			S/C MTLPRB & ORBITER	PV MULTIPROBE & ORBITER SPACECRAFT: RF EQUIPMENT & TRAJECTORY GENERAL INFORMATION		
5	**2**								***PV - SPECIFICATIONS - PC-400 TO PC-453***		
5	2			NASA/ARC	PC-400			PV PROJ PLAN	PIONEER VENUS PROJECT PLAN		
5	2			NASA/ARC	PC-402			S/C ORBITER	PV ORBITER SPACECRAFT MISSION OPERATIONAL CHARACTERIZATICS DOCUMENT		
5	2			NASA/ARC	PC-404			GROUND DATA SYS	DESCRIPTION OF GROUND DATA SYSTEM		
5	2			NASA/ARC	PC-405			S/C MLTPRB	PV MULTIPROBE SPACECRAFT HANDLING PLAN		
5	2			NASA/ARC	PC-407			MLTPRB & ORB QUARANTINE	MULTIPROBE & ORBITER PLANETARY QUARANTINE PLAN		
5	2			NASA/ARC	PC-408			ORBITER	EASTERN TEST RANGE MAGNETIC CONTROL PLAN - ORBITER		
5	2			NASA/ARC	PC-410			S/C MLTPRB & ORBITER	MULTIPROBE AND ORBITER SPACECRAFT AND RELATED RQUIREMENTS		
5	2			NASA/ARC	PC-411			GROUND SUPPORT	GROUND SUPPORT EQUIPMENT REQUIREMENTS		
5	2			NASA/ARC	PC-412			SCIENCE INSTRUMENTS	SCIENCE INSTRUMENTS AND RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-413			S/C MLTPRB & ORBITER	MULTIPROBE SPACECRAFT & ORBITER SPACECRAFT SIMULATOR & RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-415			CLOUD PARTICLE/SPECTROMETER	CLOUD PARTICLE SIZE SPECTROMETER PERFORMANCE & RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-416			SOLAR FLUX RADIOMETER/LG PRB	LARGE PROBE SOLAR FLUX RADIOMETER (ARIZ/SFR) PERFORMANCE & RELATED REQUIREMENTS		
5	2			NASA/ARC	PP-418			OPA DESIGN	PIONEER VENUS ORBITER PLASMA ANALYSER DESIGN SPECIFICATION		
5	2			NASA/ARC	PC-420			NEP	NEPHELOMETER PERFORMANCE & REQUIREMENTS		
5	2			NASA/ARC	PC-421			INFRARED RADIOMETER	INFRARED RADIOMETER PERFORMANCE & RELATED REQUIREMENTS		
5	2			NASA/ARC	PC-430			S/C BUS	BUS SPACECRAFT SCIENTIFIC INSTRUMENT INTERFACE		
5	2			NASA/ARC	PC-431			S/C LG PRB	LARGE PROBE SPACECRAFT SCIENTIFIC INSTRUMENT INTERFACE		
5	2			NASA/ARC	PC-432			S/C SML PROBE	SMALL PROBE SPACECRAFT SCIENTIFIC INSTRUMENT INTERFACE		
5	2			NASA/ARC	PC-433			S/C ORB	ORBITER SPACECRAFT SCIENTIFIC INSTRUMENT INTERFACE		
5	2			NASA/ARC	PC-434			MLTPRB & ORBITER	MULTIPROBE & ORBITER LAUNCH VEHICLE INTERFACE		
5	2			NASA/ARC	PC-435			S/C MLTPRB & ORBITER	MULTIPROBE & ORBITER SPACECRAFT DSIF INTERFACE		
5	2			NASA/ARC	PC-440			KSC & CAPE CANAVERAL	REQUIREMENTS FOR ACTIVITIES AT CAPE CANAVERAL STATION & KENNEDY SPACE CENTER		
5	2			NASA/ARC	PC-450			EGSE	EGSE COMPUTER PROGRAMMING SPECIFICATIONS FOR BUS & INTEGRATED MULTIPROBE SCIENCE INSTRUMENTS		
5	2			NASA/ARC	PC-451			EGSE	EGSE COMPUTER PROGRAMMING SPECIFICATIONS SMALL PROBE SCIENTIFIC INSTRUMENTS		
5	2			NASA/ARC	PC-452			EGSE	EGSE COMPUTER PROGRAMMING SPECIFICATIONS ORBITER SCIENTIFIC INSTRUMENTS		
5	2			NASA/ARC	PC-453			EGSE	EGSE COMPUTER PROGRAMMING SPECIFICATIONS LARGE PROBE SCIENTIFIC INSTRUMENTS		
5	2			NASA/ARC	PC-464			S/C MLTPRB & ORB	PIONEER VENUS ORBITER & MULTIIPROBE SPACECRAFT / DSN TELECOMMUNICATIONS COMPATIBILITY TEST REQUIREMENTS		
5	**3**								***PV - SPECS & PROCUREMENTSPECS, DEV SPEC & SPEC CHANGES & OTHER DATA***		
5	3			NASA/ARC				PV PROJ PLAN SYS DESIGN	PV PROJECT PLAN SYSTEM DESIGN & EXECUTION PLAN		
5	3			NASA/ARC	P-400			CONTINGENCY	CONTINGENCY ANALYSIS		
5	3			NASA/ARC	PD-401			PVO EXP DESCRIPTION	PIONEER VENUS ORBITER MISSION EXPERIMENT DESCRIPTION		
5	3			NASA/ARC	PD-402			PV MLTPRB EXP DESCRIPTION	PIONEER VENUS MULLTIPROBE MISSION EXPERIMENT DESCRIPTION		
5	3			NASA/ARC	PN-400			ATTITUDE MEASUREMENT	PV ATTITUDE MEASUREMENT & CONTROL CONCEPTUAL PLAN		
5	3			NASA/ARC	PS-401			OPS SOFTWARE	STANDARDS FOR DEVELOPMENT & MAINTENANCE OF PIONEER OPERATIONS SOFTWARE		
5	3			NASA/ARC	PT-400			ORB MISSION ANALYSIS	PV ORBITER PRELIMINARY MISSION ANALYSIS & TRADE-OFF STUDIES		
5	3			NASA/ARC	PT-401			MLTPRB MISSION ANALYSIS	PV MULTIPROBE PRELIMINARY MISSION ANALYSIS & TRADE-OFF STUDIES		
5	3			NASA/ARC	PT-402			ORB TRAJECTORY	TRAJECTORY CHARACTERISTICS FOR ORBITER MISSION		
5	3			NASA/ARC	PT-403			MLTPRB TRAJECTORY	PV MULTIPROBE MISSION TRAJECTORY CHARACTERISTICS		
5	3			NASA/ARC	PV-1000			SYS REQTS SPEC	SYSTEM REQUIREMENTS SPECIFICATION		

5	3			NASA/ARC	PV-1006			SUPPLEMENTAL REQTS	SUPPLEMENTAL REQUIREMENTS DOCUMENT		
5	3			NASA/ARC	PV-1011			MLTPRB EXP PLANNING	EXPERIMENTER PLANNING GUIDELINES FOR MULTIPROBE MISSION		
5	3			HAC	DS31639-034-1		28-Jan-76	TELEMETRY PROCESSOR	PV TELEMETRY FORMAT PROM DEVELOPMENT SPEC FOR TELEMETRY PROCESSOR P/N 3385034-100		
5	3			HAC	DS31639-730		12-Nov-75	INSTRUMENT INTEGRATION	INSTRUMENT INTEGRATION CONSOLE DEVELOPMENT SPEC		
5	3			HAC	DP50122		30-Jan-76	BAPTA	PV BEARING & POWER TRANSFER ASSEMBLY DETAILED PROCESS SPEC		
5	3			HAC	DP50128		02-Feb-76	ANTENNA POSITIONER	PV ANTENNA POSITIONER MECHANISM DETAILED PROCESS SPEC		
5	3			HAC	IS31639-002		17-Jan-77	LG PRB INTERFACE	PV LARGE PROBE INTERFACE CONTROL DOC		
5	3			HAC	IS31639-003		10-Feb-77	SML PRB INTERFACE	PV SMALL PROBE INTERFACE CONTROL DOC		
5	3			HAC	DS31639-042		15-Jan-76	READ ONLY MEMORY	PV PROGRAMMABLE READ ONLY MEMORY DEVELOPMENT SPEC FOR COMMAND PROCESSOR P/N 3385042-100		
5	3			HAC	PS31639-400	B	17-Jan-77	DECEL MODULE SML PRB	PV SMALL PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3			HAC	PS31639-011	A	26-Mar-75	TRANSPONDER/PRB EXCITER	PV TRANSPONDER / PROBE EXCITER PROCUREMENT SPEC		
5	3			HAC	PS31639-051	B	20-Jan-76	STAR SENSOR	PV CONTROLS SUBSYSTEM STAR SENSOR PROCUREMENT SPEC		
5	3			HAC	PS31639-300	B	28-Jan-76	DECEL MODULE LG PRB	PV LARGE PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3			HAC	PS31639-031	B	07-May-75	DATA STORAGE UNIT	PV PROGRAM DATA STORAGE UNIT PROCUREMENT SPEC		
5	3			HAC	PS31925-001	E	06-Feb-76	MEMORY CORE STACK	PV MEMORY CORE STACK PURCHASE SPEC		
5	3			HAC	PS31639-031	B	19-Dec-75	DATA STORAGE UNIT	PV PROGRAM DATA STORAGE UNIT PROCUREMENT SPEC		
5	3			HAC	TP32011-074		04-Jan-77	SML PRB HARNESS SHAKEDOWN	PV SMALL PROBE HARNESS SHAKEDOWN PROCEDURE		
5	3			HAC	TP32011-211		31-Jan-77	ORB HARNESS SHAKEDOWN	PV ORBITER HARNESS SHAKEDOWN PROCEDURE		
5	3			HAC	TP31639-101	A	11-Feb-76	HYDRAZINE THRUST CHAMBER	HYDRAZINE THRUST CHAMBER ASSY - 1 lbf ACCEPTANCE TEST PROCEDURES & REQUIREMENTS		
5	3			HAC	TP32011-017	A	31-Jan-78	BUS S/C COMMUNICATIONS	PV BUS SPACECRAFT COMMUNICATIONS SUBSYSTEM DETAILED PERFORMANCE TEST PROCEDURE		
5	3			HAC	TS31639-012		02-Mar-77	BUS COMMUNICATIONS	BUS COMMUNICATIONS SUBSYSTEM TEST REQUIREMENTS & PROCEDURES		
5	3			HAC	PS31639-400	B	28-Jan-76	SML PRB DECEL MODULE	PV SMALL PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3			HAC	PS31639-300	B	17-Jan-77	LG PRB DECEL MODULE	PV LARGE PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3			HAC	PS31639-400	B	27-Feb-76	SML PRB DECEL MODULE	PV SMALL PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3			HAC	PS31639-300	B	10-Feb-77	LG PRB DECEL MODULE	PV LARGE PROBE DECELERATION MODULE PROCUREMENT SPEC		
5	3			HAC	TP31639-101	A	02-Feb-76	HYDRAZINE THRUST CHAMBER	HYDRAZINE THRUST CHAMBER ASSY - 1lbc ACCEPTANCE TEST PROCEDURE		
5	3			HAC	IS31639-003		17-Jan-77	SML PRB INTERFACE	PV SMALL PROBE INTERFACE CONTROL DOCUMENT		
5	3			HAC	TP32011-046		10-Feb-77	LG PRB COMMUNICATIONS	PV LARGE PROBE COMMUNICATIONS SUBSYSTEM DETAILED PERFORMANCE TEST PROCEDURE		
5	3			HAC	TP32011-080		16-Feb-77	SML PRB COMMUNICATIONS	PV SMALL PROBE COMMUNICATIONS SUBSYSTEM DETAILED PERFORMANCE TEST PROCEDURE		
5	3			HAC	DS31639-232		22-Feb-77	PROBES CMD/DATA SUBSYS	PV PROBES CMD/DATA SUBSYSTEM - FORMAT & DESCENT SEQUENCE PROMS DEVELOPMENT SPEC FOR C/DU		
5	3			HAC	IS31639-002		21-Jul-75	LG PRB INTERFACE	PV LARGE PROBE INTERFACE CONTROL DOCUMENT		
5	3			HAC	IS31639-003		21-Jul-75	SML PRB INTERFACE	PV SMALL PROBE INTERFACE CONTROL DOCUMENT		
5	3			HAC	SS31639-101		14-Jul-75	ORB/BUS PROPULSION SUBSYS	ORBITER / BUS PROPULSION SUBSYSTEM SPEC		
5	3			HAC	SS31639-211		17-Sep-75	PROBES COMM SUBSYS	PV PROBES COMMUNICATION SUBSYSTEM SPEC		
5	3			HAC	TP32011-205-2		15-Nov-77	DSN SML PRB	PV SMALL PROBE DSN STRONG SIGNAL COMPATIBILITY TEST PROCEDURE		
5	3			ALLIED SIGNAL	NAS2-13818		JUN94-MAR97	ALLIED SIGNAL REPORTS	PN 10/11 - MONTHLY CONTRACT REPORTS		
5	3			NASA/ARC			1990-1994	PN-PROJ MGMT REPORTS	PIONEER MISSION PROJECT MANAGEMENT REPORTS		
5	**4**								***PV -TEST SPEC & SPEC CHANGE NOTICES***		
5	4			HAC	SS-31639-020	B	02-Mar-77	S/C LG PRB SYS SPEC	PIONEER VENUS LARHE PROBE SPACECRAFT SYSTEM SPECIFICATION		
5	4			HAC	SS-31639-030	B	02-Mar-77	S/C SML PRB SYS SPEC	PIONEER VENUS SMALL PROBE SPACECRAFT SYSTEM SPECIFICATION		
5	4			HAC	SS-31639-031		12-Feb-76	BUS/ORB DATA HANDLING	PIONEER VENUS SUBSYSTEM SPECIFICATION FOR BUS & ORBITER DATA HANDLING SUBSYSTEM, PN 3388031-		
5	4			HAC	SS-31639-001	B	27-Dec-76	S/C MLTPRB SYS SPEC	PIONEER VENUS MULTIPROBE SPACECRAFT SYSTEM SPECIFICATION		
5	4			HAC	SS31639-030	A	06-Aug-75	S/C SML PRB	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	TS31639-021		14-Nov-75	X-BAND TRANSMITTER	X-BAND TRANSMITTER TEST REQUIREMENT & PROCEDURE		
5	4			HAC	TS31639-804		19-Jul-76	S & C SWITCHES	"S & "C" SWITCH ASSEMBLIES SUPPLEMENTARY TEST REQUIREMENT & PROCEDURE		
5	4			HAC	SS31639-030	A	11-Nov-75	S/C SML PRB SYS	PV SMALL PROBE SPACECRAFT SYSTEM		
5	4			HAC	SS31639-030		31-Mar-75	S/C SML PRB SYS SPEC	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-020	A	11-Nov-75	S/C LG PRB SYS	PV LARGE PROBE SPACECRAFT SYSTEM		
5	4			HAC	SS31639-020	A	03-Nov-75	S/C LG PRB SYS SPEC	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-020	A	13-Aug-75	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	TS31639-053		06-Apr-77	PC CONTROLS	PC CONTROLS SUBSYTEM TEST SPEC BAPTA		
5	4			HAC	SS31639-001	B	10-Apr-78	MULTIPROBE S/C SYS	PV MULTIPROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	TS31639-064		16-Feb-77	DESPIN CONTROL ELECTRONICS	PV DESPIN CONTROL ELECTRONICS TEST SPEC		
5	4			HAC	TS31639-315		10-Feb-77	SMALL PROBE ANTENNA	SMALL PROBE ANTENNA TEST REQUIREMENT & PROCEDURE		
5	4			HAC	TS31639-019		23-Jul-76	6 DB HYBRID	6 DB HYBRID TEST REQUIREMENT & PROCEDURES		
5	4			HAC	TS31639-015		09-Mar-76	2GHZ ISOLATOR	2 GHZ ISOLATOR TEST REQUIREMENT & PROCEDURES		
5	4			HAC	TS31639-028		17-Aug-76	3 DB HYBRID	3 DB HYBRID TEST REQUIREMENT & PROCEDURES		
5	4			HAC	TS31639-018	A	20-Apr-76	S-BAND DIXPLEXER	S-BAND DIPLEXER ASSEMBLY TEST SPEC		
5	4			HAC	SS31639-900		14-Jul-77	ORBITER TELEMETRY	PV ORBITER TELEMETRY DATA CONVERSION HANDBOOK		
5	4			HAC	TS31639-027	A	12-May-77	HGA BACKUP	HIGH GAIN BACKUP ANTENNA TEST REQUIREMENT & PROCEDURES		
5	4			HAC	TS31639-026		24-Mar-76	HGA	HIGH GAIN ANTENNA SYSTEM TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-023		27-Apr-76	MEDIUM GAIN HORN	MEDIUM GAIN HORN TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-024		02-Mar-76	AFT OMNI ANTENNA	AFT OMNI ANTENNA TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-024		27-Apr-76	AFT OMNI ANTENNA	AFT OMNI ANTENNA TEST REQUIREMENTS & PROCEDURES		

5	4			HAC	TS31639-025		03-May-76	FORWARD OMNI ANTENNA	FORWARD OMNI ANTENNA TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-025		02-Mar-76	FORWARD OMNI ANTENNA	FORWARD ONMI ANTENNA TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-016		23-Jul-76	ROTARY JOINT	ROTARY JOINT TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-029		10-May-76	SWITCH DRIVER	SWITCH DRIVER ASSEMBLY TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-022		22-Jul-76	HIGH POWER LOAD	HIGH POWER LOAD TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-013		19-Aug-76	POWER AMPLIFIER	POWER AMPLIFIER TESTY REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-014		12-Apr-76	DRIVER AMPLIFIER	DRIVER AMPLIFIER TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	TS31639-027		24-Mar-76	HGA BACKUP	HIGH GAIN BACKUP ANTENNA TEST REQUIREMENTS & PROCEDURES		
5	4			HAC	SS31639-002	D	10-Jan-77	ENVIRONMENTAL REQUIREMENTS	PV DESIGN & TEST ENVIRONMENTAL REQUIREMENTS		
5	4			HAC	SS31639-006	A	08-Jan-76	ORBITER S/C SYS	PV ORBITER SPACECRAFT SPEC		
5	4			HAC	SS31639-030	A	16-Jan-76	SMALL PROBE S/C SYS	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-030	A	10-Feb-76	SMALL PROBE S/C SYS	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-020	A	10-Feb-76	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-020	A	26-Sep-75	LARGE PROBE S/C SYS	LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-020	A	16-Jan-76	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-001	A	16-Jan-76	MULTIPROBE S/C SYS	PV MULTIPROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-006	A	16-Jan-76	ORBITER S/C	PV ORBITER SPACECRAFT SPEC		
5	4			HAC	SS31639-020	A	09-Dec-75	LARGE PROBE S/C SYS	PV LARGE PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-001	A	18-Feb-76	MULTIPROBE S/C SYS	MULTIPROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-006	A	10-Mar-76	ORBITER S/C SYS	PV ORBITER SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS31639-020	A	15-Feb-76	LARGE PROBE S/C SYS	PV LARGE PROBE SPACE RAFT SYSTEM SPEC		
5	4			HAC	SS31639-030	A	16-Jan-76	SMALL PROBE S/C SYS	PV SMALL PROBE SPACECRAFT SYSTEM SPEC		
5	4			HAC	SS-31639-271	A	22-Jan-76	PROBES ELEC. POWER SUBSYS	LARGE & SMALL PROBE SUBSYSTEM SPECIFICATION ELECTRIC POWER SUBSYSTEM		
5	4			HAC	TS-31639-271	A	09-Jun-77	LARGE PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION LARGE PROBE BATTERY		
5	4			HAC	TS-31639-371	A	09-Jun-77	SMALL PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION SMALL PROBE BATTERY		
5	4			HAC	TS-31639-816	B	01-Nov-77	LARGE PROBE BATTERY	QUALIFICATION TEST SPECIFICATION LARGE PROBE BATTERY		
5	4			HAC	TS-31639-817	B	03-Nov-77	SMALL PROBE BATTERY	QUALIFICATION TEST SPECIFICATION SMALL PROBE BATTERY		
5	4			HAC	TS-31639-094	A	04-Nov-77	NICKEL CADMIUM BATTERY	ACCEPTANCE TEST SPECIFICATION NICKEL CADMIUM BATTERY PACK		
5	4			HAC	TS-31639-271	B	24-Aug-77	LARGE PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION LARGE PROBE BATTERY		
5	4			HAC	TS-31639-371	B	18-Aug-77	SMALL PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION SMALL PROBE BATTERY		
5	4			HAC	TS-31639-273	D	24-Aug-77	SILVER ZINC 40.0 BATT CELL	ACCEPTANCE TEST SPECIFICATION SEALED SILVER ZINC 40.0 A-HR BATTERY CELL		
5	4			HAC	TS-31639-001		29-Mar-77	MULTIPROBE S/C SYS	PIONEER VENUS MULTIPROBE SPACECRAFT SYSTEM SPECIFICATION		
5	4			HAC	TS-31639-273	C		SILVER ZINC 40.0 BATT CELL	ACCEPTANCE TEST SPECIFICATION SEALED SILVER ZINC 40.0 A-HR BATTERY CELL		
5	4			HAC	TS-31639-251	D	18-Apr-77	PROBES WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS SUBSYSTEM LARGE & SMALL PROBES		
5	4			HAC	TS-31639-371		11-Apr-77	SMALL PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION SMALL PROBE BATTERY		
5	4			HAC	TS-31639-271		12-Apr-77	LARGE PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION LARGE PROBE BATTERY		
5	4			HAC	TS-31639-271	C	06-Apr-78	LARGE PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION LARGE PROBE BATTERY		
5	4			HAC	TS-31639-371	C	06-Apr-78	SMALL PROBE BATTERY	ACCEPTANCE TEST SPECIFICATION SMALL PROBE BATTERY		
5	4			HAC	TS-31639-816	C	18-Apr-78	LARGE PROBE BATTERY	QUALIFICATION TEST SPECIFICATION LARGE PROBE BATTERY		
5	4			HAC	TS-31639-817	C	18-Apr-78	SMALL PROBE BATTERY	QUALIFICATION TEST SPECIFICATION SMALL PROBE BATTERY		
5	4			HAC	TS-31639-816	A	18-Jul-77	LARGE PROBE BATTERY	QUALIFICATION TEST SPECIFICATION LARGE PROBE BATTERY		
5	4			HAC	TS-31639-841		18-Apr-77	SMALL PROBE STM	PIONEER VENUS PLAN FOR SMALL PROBE STM CENTRIFUGE TEST #2		
5	4			HAC	TS-31639-027	A	12-May-77	HGA BACKUP	TEST REQUIREMENT & PROCEDURE HIGH GAIN ANTENNA BACKUP ANTENNA		
5	4			HAC	TS-31639-013	A	12-Mar-76	POWER AMPLIFIER	TEST REQUIREMENT & PROCEDURE POWER AMPLIFIER		
5	4			HAC	TS-31639-101	A	11-Feb-76	HYDRAZINE THRUST CHAMBER	ACCEPTANCE TEST PROCEDURE & REQUIREMENT HYDRAZINE THRUST CHAMBER ASSY 1 1bf		
5	4			HAC	TS-31639-251	A	09-Mar-76	LG & SML PRB WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS LARGE & SMALL PROBE		
5	4			HAC	TS-31639-073	A	19-Mar-76	BUS & ORB WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS SUBSYSTEM BUS & ORBITER		
5	4			HAC	TS-31639-610		29-Dec-76	ORB SYS TEST	ORBITER SYSTEM TEST REQUIREMENTS SPECIFICATION		
5	4			HAC	TS-31639-830		12-Jan-77	FWD & AFT SHELVES LG PRB	STATIC TEST PLAN FORWARD & AFT SHELVES LARGE PROBE		
5	4			HAC	TS-31639-831		11-Jan-77	PRESSURE TRANSDUCER	PIONEER VENUS TEST SPECIFICATION PRESSURE TRANSDUCER, PN 3385244-100		
5	4			HAC	TS-31639-011		05-Jan-77	ORB COMM SUBSYS	TEST REQUIREMENT & PROCEDURE ORBITER COMMUNICATIONS SUBSYSTEM		
5	4			HAC	TS-31639-020		26-Mar-76	LG PRB SYS TEST	LARGE PROBE SYSTEM TEST REQUIREMENTS SPECIFICATION PRELIMINARY DRAFT		
5	4			HAC	TS-31639-030		19-Jan-77	SML PRB SYS TEST	SMALL PROBE SYSTEM TEST REQUIREMENT SPECIFICATION		
5	4			HAC	TS-31639-839		23-Feb-77	LG PRB STM PRESSURE VESSEL	PIONEER VENUS LARGE PROBE STM PRESSURE VESSEL QUALIFICATION VIBRATION TEST PLAN		
5	4			HAC	TS-31639-840		23-Feb-77	SML PRB AFT INSULATION	STATIC QUALIFICATION TEST PLAN PIONEER VENUS SMALL PROBE AFT INSULATION RETAINER		
5	4			HAC	TS-31639-815		16-Mar-77	MLTPRB & ORB THERMAL	PIONEER VENUS PROGRAM MULTIPROBE/ORBITER THERMAL TEST MODEL TEST PLAN		
5	4			HAC	TS-31639-835		31-Jan-77	SML PRB STM & ETM	PIONEER VENUS SMALL PROBE STM PRESSURE VESSEL & ETM DECELERATION MODEL QUALIFICATION VIBRATION TEST PLAN		
5	4			HAC	TS-31639-823		17-Feb-77	LG PRB STM	PIONEER VENUS STATIC TEST PLAN LARGE PROBE STM INTERIOR STRUCTURE		
5	4			HAC	TS-31639-012		02-Mar-77	BUS COMM SUBSYS	TEST REQUIREMENT & PROCEDURE BUS COMMUNICATIONS SUBSYSTEM		
5	4			HAC	TS-31936-251	C	12-Jan-77	LG & SML PROBE WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS SUBSYSTEM LARGE & SMALL PROBES		
5	4			HAC	TS-31639-073		12-Jan-77	BUS/ORB WIRING HARNESS	TEST SPECIFICATION WIRING HARNESS SUBSYSTEM BUS & ORBITER		
5	4			HAC	TS-31639-373	C	01-Mar-77	BATTERY CELLS	ACCEPTANCE TEST SPECIFICATION SEALED SILVER-ZINC 11.0 A-HR BATTERY CELL		
5	4			HAC	TS-31639-827	A	24-Jan-77	ORB STM VIBRATION PLAN	PIONEER VENUS ORBITER STM VIBRATION TEST PLAN		
5	5								***PV - VARIOUS MATERIALS***		

5	5			NASA/ARC	SE:244-114//7-024		13-Jul-87	ENCKE OBSERVATION	REPORTS FROM SSG/OMOP MTG 6-8MAY RELATIVE TO POTENTIAL ENCKE OBSERVATION		
5	5			HAC & NASA/ARC			1978	S/C MLTPRB ATTITUDE	MULLTIPROBE SPACECRAFT ATTITUDE LOG - STAR SENSOR / SUN SENSOR		
5	5			NASA/ARC			1986	HALLEY ATTITUDE	HALLEY ATTITIDE LOG		
5	5			NASA/ARC			1986	HALLEY ATTITUDE	HALLEY ATTITUDE LOG - REVISED		
5	5			BFEC	BFEC/ARC-332		20-Oct-78	QLDS & UADS	PIONEER VENUS QLDS & UADS USERS GUIDE		
5	5			JPL			1976-1978	MLTPRB & ORB TRAJECTORY	PIONEER VENUS ORBITER & MULTIPROBE TRAJECTORY SAVE TAPES		
5	5			NASA/ARC			1977-1978	PV PLANNING	PIONEER VENUS PLANNING INFORMATION		
5	5			NASA/ARC			1985-1986	S/C ATTITUDES	PIONEER VENUS REVISED SPACECRAFT ATTITUDES - G-Z, HADAR & ENCKE		
5	5			NASA/ARC			1986-1987	COMET WILSON	PIONEER VENUS COMET WILSON OPERATIONS		
5	5			NASA/ARC			1985	GIAACOBINI-ZINNER	PIONEER VENUS GIAACOBINI-ZINNER OPERATIONS		
5	5			NASA/ARC			1987-1988	HGA-PVO	PIONEER VENUS ORBITER ATTITUDE HIGH GAIN ANTENNA ELEVATIONS - ARCHIVE #1		
5	5			NASA/ARC			1987-1988	HGA-PVO	PIONEER VENUS ORBITER ATTITUDE HIGH GAIN ANTENNA ELEVATIONS - ARCHIVE #2		
5	5			NASA/ARC			1987-1988	HGA - PVO	PIONEER VENUS ORBITER ATTITUDE HIGH GAIN ANTENNA ELEVATIONS - ARCHIVE #3		
5	5			NASA/ARC	PCC-488		12-May-89	IN-ORBIT OPS	PIONEER VENUS COMMAND PROCEDURES FOR IN-ORBIT OPERATIONS		
5	5			NASA/ARC			1978-1979	PVO PREDICTIONS	PIONEER VENUS ORBITER PREDICTIONS		
5	5			NASA/ARC			1978-1985	HALLEY OPS	HALLEY OPERATIONS		
5	5			HAC	HS507-0082-1222		10-Mar-76	ENGINEERING	ENGINEERING DOCUMENTATION		
5	5			HAC	HS507-0082-1146		13-Feb-76	ENGINEERING	ENGINEERING DOCUMENTATION		
5	5			HAC	HS507-0082-1288		31-Mar-76	ENGINEERING	ENGINEERING DOCUMENTATION		
5	5			NASA/ARC			1975-1979	ORBITS OPS	PIONEER 12 - ORBIT OPERATIONS		

PIONEER PROJECT
PIONEER VENUS

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
6	**1**								***QUARTERLY REPORTS / DEVIATIONS & WAIVERS / MASS PROPERTY REPORTS / SCHEDULE STATUS REPORTS***		
6	1			HAC			APR/MAY/JUN76	PV PROGRAM QUARTERLY REPORT	PIONEER VENUS PROGRAM QUARTERLY REPORT , PHASE II,#2,		
6	1			HAC			OCT/NOV/DEC76	PV PROGRAM QUARTERLY REPORT	PIONEER VENUS PROGRAM QUARTERLY REPORT , PHASE II, #4		
6	1			HAC			JAN/FEB/MAR77	PV PROGRAM QUARTERLY REPORT	PIONEER VENUS PROGRAM QUARTERLY REPORT, PHASE II. #5		
6	1			HAC			APR/MAY/JUN77	PV PROGRAM QUARTERLY REPORT	PIONEER VENUS PROGRAM QUARTERLY REPORT, PHASE II, #6		
6	1			HAC			JUL/AUG/SEP77	PV PROGRAM QUARTERLY REPORT	PIONEER VENUS PROGRAM QUARTERLY REPORT, PHASE II, #7		
6	1			HAC			OCT/NOV/DEC77	PV PROGRAM QUARTERLY REPORT	PIONEER VENUS PROGRAM QUARTERLY REPORT, PHASE II, #8		
6	1			HAC			JAN/FEB/MAR78	PV PROGRAM QUARTERLY REPORT	PIONEER VENUS PROGRAM QUARTERLY REPORT, PHASE II, #9		
6	1			HAC	HS507-2760-1		02-May-75	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-2		30-Jun-75	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-5		31-Aug-75	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-6		30-Sep-75	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-7		31-Oct-75	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-9		31-Jan-76	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-10		29-Feb-76	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-17		30-Sep-76	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-20		31-Dec-76	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-21		31-Jan-77	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-22		28-Feb-77	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-23		31-Mar-77	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-24		30-Apr-77	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-26		30-Jun-77	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-27		31-Jul-77	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-30		28-Oct-77	PV SCHEDULE STATUS REPORT	PIONEER VENUS SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2760-8		30-Nov-75	PV SCHEDULE STATUS REPORT	PIONEER VENUSV- SCHEDULE STATUS REPORT		
6	1			HAC	HS507-2002-12		01-Dec-75	PV-MASS PROPERTIES REPORT	PV - MASS PROPERTIES STATUS REPORT		
6	1			HAC	HS507-2002-25		31-Jan-77	PV-MASS PROPERTIES REPORT	PV -MASS PROPERTIES STATUS REPORT		
6	1			HAC	HS507-2002-15		03-Mar-76	PV-MASS PROPERTIES REPORT	PV - MASS PROPERTIES STATUS REPORT		
6	1			HAC	HS507-2002-24		30-Dec-76	PV-MASS PROPERTIES REPORT	PV - MASS PROPERTIES STATUS REPORT		
6	1			HAC	HS507-2002-14		30-Jan-76	PV-MASS PROPERTIES REPORT	PV - MASS PROPERTIES STATUS REPORT		
6	1			HAC	HS507-2002-26		24-Feb-77	PV-MASS PROPERTIES REPORT	PV - MASS PROPERTIES STATUS REPORT		
6	1			HAC	HS507-2002-27		28-Mar-77	PV-MASS PROPERTIES REPORT	PV - MASS PROPERTIES STATUS REPORT		
6	1			HAC	HS507-2002-28		05-May-77	PV-MASS PROPERTIES REPORT	PV - MASS PROPERTIES STATUS REPORT		
6	1			HAC	HS507-2002-34		31-Oct-77	PV-MASS PROPERTIES REPORT	PV - MASS PROPERTIES STATUS REPORT		
6	1			HAC			1977-1978	PV-DEVIATIONS & WAIVERS	PV - DEVIATIONS & WAIVERS - STAR SENSOR		
6	1			HAC			31-May-09	PV WAIVERS	PV - WAIVERS - MULTIPROBE SPACECRAFT & MULTIPROBE & ORBITER SPACECRAFT		
6	**2**								***READINESS REVIEWS / LAUNCH VEHICLE / ATLAS SLV 3D - CENTAUR D-A1***		
6	2			LeRc			1977	LAUNCH VEHICLE INTERFACE	PV - LAUNCH VEHICLE INTERFACE - CORRESPONDENCE		
6	2			LeRc			1978-1979	LAUNCH VEHICLE INTERFACE	PV - LAUNCH VEHICLE INTERFACE - CORRESPONDENCE		
6	2			GDC	GDC63-0495-94		Mar-77	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT, APPENDIX A, TRAJECTORY & PERFORMANCE DATA		
6	2			GDC	GDC63-0495-95		Jun-77	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT, APPENDIX A, TRAJECTORY & PERFORMANCE DATA		
6	2			GDC	GDC63-0495-96		Sep-77	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT, APPENDIX A, TRAJECTORY & PERFORMANCE DATA		
6	2			GDC	GDC63-0495-98		Mar-78	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT, APPENDIX A, TRAJECTORY & PERFORMANCE DATA		
6	2			GDC	GDC63-0495-99		Jun-78	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT, APPENDIX A, TRAJECTORY & PERFORMANCE DATA		
6	2			GDC	GDC63-0495-100		Sep-78	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT, APPENDIX A, TRAJECTORY & PERFORMANCE DATA		
6	2			GDC			Mar-77	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT		

6	2			GDC			Jun-77	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT		
6	2			GDC			Sep-77	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT		
6	2			GDC			Sep-78	ATLAS SLV 3-D/CENTAUR D-1A	ATLAS SLV 3-D / CENTAUR D-1A CONFIGURATION, PERFORMANCE & WEIGHT STATUS REPORT		
6	2			GDC	CASD/LVP78-042		Jul-78	MLTPRB 1978 FIRING TABLES	FIRING TABLES FOR PIONEER VENUS 1978 MULTIPROBE MISSION		
6	2			GDC	667-5-76-039		14-Apr-76	ATLAS SLV 3-D/CENTAUR D-1A	GUIDANCE ACCURACY ANALYSIS FOR ATLAS/CENTAUR PIONEER VENUS ORBITER & MULTIPROBE MISSIONS (AC50/PVO78, AC-55 PVM)		
6	2			GDC	CASD/LVP78-016		Mar-78	ORB/MLTPRB AC 50-51	FINAL GUIDANCE EQUATION TARGETING & PERFORMANCE ANALYSIS FOR PIONEER VENUS ORBITER AND MULTIPROBE AC-50-51		
6	2			GDC	GDC/LVP77-056		Sep-77	PV 1978 MISSION AC 50-51	RANGE NOMINAL TRAJECTORY DATA FOR PIONEER VENUS 1978 MISSION AC-50 & AC-51		
6	2			NASA/ARC			18-Nov-76	TRAJ & GUIDANCE MEETING	PIONEER VENUS 1978 PERFORMANCE, TRAJECTORY & GUIDANCE WORKING GROUP MEETING - #4		
6	2			NASA/ARC			01-Mar-77	TRAJ & GUIDANCE MEETING	PIONEER VENUS 1978 PERFORMANCE, TRAJECTORY & GUIDANCE WORKING GROUP MEETING -# 5		
6	2			NASA/ARC			19-May-77	TRAJ & GUIDANCE MEETING	PIONEER VENUS 1978 PERFORMANCE, TRAJECTORY & GUIDANCE WORKING GROUP MEETING - #6		
6	2			NASA/ARC			28-Sep-77	TRAJ & GUIDANCE MEETING	PIONEER VENUS 1978 PERFORMANCE, TRAJECTORY & GUIDANCE WORKING GROUP MEETING - #7		
6	2			NASA/ARC			18-Jul-78	TRAJ & GUIDANCE MEETING	PIONEER VENUS 1978 PERFORMANCE, TRAJECTORY & GUIDANCE WORKING GROUP MEETING - #10		
6	2			NASA/ARC	SAC-8-52:244-8		04-Aug-78	MLTPRB LAUNCH READINESS	PIONEER VENUS MULTIPROBE LAUNCH READINESS REVIEW		
6	2			NASA/ARC			1978	ORB/MLTPRB ENCOUNTER	PV ORB/MULTIPROBE ENCOUNTER READINESS REVIEW DOCS		
6	2			JPL/NASA/ARC			1978	MLTPRB MISSION LAUNCH	PIONEER VENUS MULTIPROBE MISSION LAUNCH READINESS/CONSTRAINTS		
6	**3**								***HAC /GE SUBCONTRACT - TEST PROGRAM PLAN***		
6	3			GE/RESD	DIN U-NH-74-95-074			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST -#1 PIONEER VENUS TRAJECTORY--SMALL & LARGE PROBES 15OCT74		
6	3			GE/RESD	DIN U-NH-74-95-083			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST -#2 SMALL PROBE DYNAMICS 29OCT74		
6	3			GE/RESD	DIN 9720-NH-74-97-001			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #3 LARGE PROBE DYNAMICS 1NOV74		
6	3			GE/RESD	DIN 9154-TDM-75-009			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #4 FINAL DATA REPORT-PHASE II PIONEER VENUS SPIN TUNNEL TESTS 16MAY75		
6	3			GE/RESD	DIN-TDM-75--013			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #5 FINAL DATA REPORT PIONEER VENUS STATIC & DYNAMIC TRANSONIC WIND TUNNEL TESTS 11JUL75		
6	3			GE/RESD	SK56236-041			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #6 DRAWING TREE DECELERATION MODULE VENUS PIONEER LARGE PROBE		
6	3			GE/RESD	47R515406			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #7 DECELERATION MODULE ASSEMBLY-LARGE PROBE		
6	3			GE/RESD	47R515414			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #8 DECELERATION MODULE--LARGE PROBE		
6	3			GE/RESD	47R515416			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #9 SHIELD & STRUCTURE ASSEMBLY - LARGE PROBE		
6	3			GE/RESD	47R515418			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #10 STRUCTURE ASSEMBLY FORWARD SECTION - LARGE DCLR		
6	3			GE/RESD	47R515467			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #11 AFT COVER ASSEMBLY		
6	3			GE/RESD	SK56236-040			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #12 DRAWING TREE - 101 VEHICLE - SDM		
6	3			GE/RESD	47E515405			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #13 SMALL DECELERATION MODULE ASSEMBLY ETM PIONEER VENUS		
6	3			GE/RESD	47R515417			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #14 SHIELD & STRUCTURE ASSEMBLY SMALL DCLR MODULE		
6	3			GE/RESD	47R515419			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #15 STRUCTURE ASSEMBLY - AEROSHELL		
6	3			GE/RESD	DIN U-NH-76-93-568			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #16 UPDATED PIONEER VENUS STRESS ANALYSIS REPORT 22JAN76		
6	3			GE/RESD	DIN U-NH-76-93-567			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #17 UPDATED SUMMARY OF STRUCTURAL STABILITY ANALYSIS OF PIONEER VENUS LARGE & SMALL PROBE DECELERATION MODULES 19JAN76		
6	3			GE/RESD	DIN U-NH-75-95-268			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #18 VENUS LARGE PROBE SEPARATION--GUIDE STIFFNESS 25AUG75		
6	3			GE/RESD	DIN U-NH-76-95-342			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST -#19 VENUS--LARGE PROBE SEPARATION--GUIDE STIFFNESS--FURTHER ANALYSIS 14JAN76		
6	3			GE/RESD	DIN U-NH-76-31-4005			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #20/21 MASS PROPERTIES REPORT 20JAN76		
6	3			GE/RESD	S-0060-01-0014			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #22 MATERIAL PROCESS SPECIFICATION FOR CARBON PHENOLIC HEATSHIELDS		
6	3			GE/RESD	S-0060-01-0048			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #23 SPECIFICATION FOR AN UNSUPPORTED ELASTOMERIC MATERIAL FOR THE PIONEER VENUS PROGRAM		
6	3			GE/RESD	S-0060-01-0035			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #24 SPECIFICATION FOR BONDING PIONEER VENUS THERMAL SHIELDS TO STRUCTURES		
6	3			GE/RESD	S-0060-01-0036			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #25 SPECIFICATION FOR BONDING ELASTEROMIC SHIELD MATERIALS TO PIONEER VENUS STANDARDS		
6	3			GE/RESD	47D515422			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #26 SHIELD, NOSE AEROSHELL LARGE DECELERATION MODULE		
6	3			GE/RESD	47E515423			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #27 SHIELD, FRUSTUM AEROSHELL LARGE DECELERATION MODULE		

6	3			GE/RESD	47R515549			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #28 HEATSHIELD INSTL. ESM - LARGE PROBE			
6	3			GE/RESD	47D515420			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #29 SHIELD - NOSE AEROSHELL SMALL DECELERATION MODULE			
6	3			GE/RESD	47E515421			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #30 SHIELD-FRUSTUM AEROSHELL			
6	3			GE/RESD	47R515632			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #31 HEAT SHIELD INSTL--ESM SMALL DECELERATION MODULE			
6	3			GE/RESD	DIN U-8250-NH-656			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #32 PROCESS APPROVAL OF HAVEG NOSE BILLET 47D5154220P1-REV. A, PER S0060-01-0014-5 17SEP75			
6	3			GE/RESD	DIN U-NH-75-8250-658			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #33 PROCESS APPROVAL OF HAVEG BILLET, 47D515420-P1-REV. A PER S-0060-01-0014-5 18SEP75			
6	3			GE/RESD	DIN U-8250-NH-696			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #34 PROCESS APPROVAL OF HAVEG LARGE FRUSTUM, 47E515423-P1-REV. B AN2 7JAN76			
6	3			GE/RESD	DIN U-8250-NH-672			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #35 PROCESS APPROVAL OF HAVEG SMALL FRUSTUM, 47D515421-P1, REV. B, PER S0060-01-0014-6			
6	3			GE/RESD	DIN 9720-NH-75-97-2027			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST#36 FINAL DATA SUMMARY REPORT; CHOPPED MOLDED CARBON PHENOLIC PROCESS IMPROVEMENT PROGRAM 25SEP75			
6	3			GE/RESD	DIN U-NH-75-97-2024			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #37 FINAL REPORT--MATERIAL PROPERTY VERIFICATION TESTING FOR THE SHIELD/STRUCTURE AND ESM ADHESIVE BONDS 17JUN75			
6	3			GE/RESD	DIN-NH-74-91-726			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #38 THERMODYNAMICS ANALYSIS FOR PIONEER VENUS (CDR) 28OCT74			
6	3			GE/RESD	DIN-NH-75-91-555			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #39 PIONEER VENUS THERMODYNAMICS ANALYSIS--SUBSYSTEM DESIGN REVIEW 13MAR75			
6	3			GE/RESD	DIN NH-75-91-704			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #40 THERMODYNAMICS ANALYSIS FOR AFT END OF LARGE AND SMALL PROBES 14OCT75			
6	3			GE/RESD	DIN AEDM 9151-006			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #41 PIONEER VENUS ABLATION TEST PROGRAM--THERMODYNAMICS ANALYSIS 12SEP75			
6	3			GE/RESD	DIN NH-75-93-D83			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #42 PIONEER VENUS LARGE CMCP NOSECAP THERMOSTRUCTURAL ANALYSIS 1AUG75			
6	3			GE/RESD	DIN NH-75-93-D123			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #43 PIONEER VENUS SMALL PROBE-CMCP NOSECAP THERMOSTRUCTURAL ANALYSIS 22OCT75			
6	3			GE/RESD	DIN NH-76-93-570			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #44 PIONEER VENUS COLD SOAK TEST RESULTS ON LARGE & SMALL PROBES 14JAN76			
6	3			GE/RESD	DIN NH-75-9720-2035			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #45 QUICK LOOK REPORT--MECHANICAL TESTING OF CMCP & TWCP SUBJECTED TO TRANSIT ENVIRONMENT TESTING 19DEC75			
6	3			GE/RESD	DIN 9154-NH-76-91-505			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #46 QUICK LOOK REPORT: TRANSIT ENVIRONMENT ABLATION TEST AT THE GE HYPERTHERMAL ARC 21JAN76			
6	3			GE/RESD	DIN TDM-9720-NH-002			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #47 AN EVALUATION OF POTENTIAL FOR HEATSHIELD INDUCED CONTAMINATION OF PIONEER VENUS EXPERIMENTS			
6	3			GE/RESD	S-1820-01-0004			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #48 CRITICAL ITEM DEVELOPMENT/PRODUCT SPECIFICATION FOR MORTAR ASSEMBLY, PILOT CHUTE			
6	3			GE/RESD	47R515550			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #49 MORTAR & PILOT CHUTE INSTALLATION			
6	3			GE/RESD	47E515551			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #50 MORTAR & PILOT CHUTE ASSEMBLY			
6	3			GE/RESD	47E515447			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #51 PILOT CHUTE ASSEMBLY			
6	3			GE/RESD	DIN U-NH-75-95-169			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #52 PIONEER VENUS LARGE PROBE PILOT PARACHUTE DEPLOYMENT ANALYSIS 13MAR75			
6	3			GE/RESD	DIN 8226-NH-511			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #53 DEVELOPMENT TEST--MORTAR & PILOT CHUTE ASSEMBLY 27AUG75			
6	3			GE/RESD	DIN U-NH-1975-8233-128			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #54 PIONEER VENUS MORTAR FIRING DATA ANALYSIS 26SEP75			
6	3			GE/RESD	S-1375-01-0022			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #55 CRITICAL ITEM DEVELOPMENT/PRODUCT SPECIFICATION FOR CARTRIDGE MORTAR, PILOT CHUTE			
6	3			GE/RESD	47C515442			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #56 MORTAR CARTRIDGE			
6	3			GE/RESD	DIN RPT 9391290-1-865			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #57 QUALIFICATION TEST REPORT FOR HI-SHEAR PRESSURE CARTRIDGE--GE P/N 47C515442-P1 13JAN76			
6	3			GE/RESD	47D515454			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #58 SWIVEL ASSEMBLY - PARACHUTE			
6	3			GE/RESD	DIN 8226-NH-518			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #59 ACCEPTANCE TEST - PARACHUTE SWIVEL ASSEMBLY 15SEP75			
6	3			GE/RESD	DIN 8226-NH-513			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #60 TEST REPORT--PARACHUTE SWIVEL ASSEMBLY 25SEP75			
6	3			GE/RESD	S-0160-02-0010			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #61 CRITICAL ITEM DEVELOPMENT/PRODUCT SPECIFICATION FOR SINGLE STAGE PARACHUTE ASSEMBLY			
6	3			GE/RESD	47R515468			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #62 MAIN PARACHUTE INSTALLATION			
6	3			GE/RESD	473515448			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #63 MAIN PARACHUTE ASSEMBLY			
6	3			GE/RESD	DIN-GIR 33-102			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #64 DESIGN ANALYSIS REPORT SINGLE STAGE PARACHUTE ASSEMBLY (PIONEER VENUS) 3DEC75			
6	3			GE/RESD	DIN GIR 33-105			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #65 HIGH G DECELERATION REPORT			

6	3			GE/RESD	DIN GIR 33-106			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #66 TEST REPORT FOR PIONEER VENUS RECOVERY SYSTEM TRAIL PACKING & STATIC DEPLOYMENT TESTS 29JUL75		
6	3			GE/RESD	DIN GIR 33-104			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #67 SEAM & JOINT TEST REPORT PARACHUTE ASSEMBLY (PIONEER VENUS) 24OCT75		
6	3			GE/RESD	DIN TDM 9729-NH-003			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #68 PIONEER VENUS PARACHUTE TRIM ASSESSMENT TEST--NASA KSC VAB DROP TEST PROGRAM FINAL DATA REPORT OCT76		
6	3			GE/RESD	DIN NH-75-91-510			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #69 SULPHURIC ACID COLLECTION UPON PARACHUTE DESCENT INTO VENUS 1OCT75		
6	3			GE/RESD	DIN NHHL-75-91-B079			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #70 EFFECT OF SULPHURIC ACID ON DACRON PARACHUTE MATERIAL DURING SIMULATED VENUSIAN ATMOSPHERIC DESCENT 23JUN75		
6	3			GE/RESD	DIN U-9720-75-NH-2034			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #71 SULPHURIC ACID EFFECTS ON LARGE PROBE PARACHUTE 4DEC75		
6	3			GE/RESD	47R515536			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #72 STRUCTURE PRESSURE VESSEL - DROP TEST		
6	3			GE/RESD	47R517860			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #73 INSTRUMENTATION INSTALLATION, PIONEER VENUS-DTM		
6	3			GE/RESD	47R517867			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #74 BALLAST INSTL, PRESSURE VESSEL--DTM LP		
6	3			GE/RESD	S-1375-01-0019			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #75 CRITICAL ITEM DEVELOPMENT/PRODUCT SPECIFICATION FOR NUT, EXPLOSIVE, SEPARATION DEVICE (3/8")		
6	3			GE/RESD	47D515441			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #76 3/8 NUT, EXPLOSIVE		
6	3			GE/RESD	47C515446			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #77 PRESSURE CARTRIDGE		
6	3			GE/RESD	47E515481			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #78 ENERGY UNIT ASSEMBLY - LARGE DCLR MODULE		
6	3			GE/RESD	DIN U-PV-76-93-001			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #79 SEPARATION SUBSYSTEMS UPDATE 19JAN76		
6	3			GE/RESD	DIN RPT 936 2477-1-864			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #80 QUALIFICATION TEST REPORT FOR HI-DHEAR SEPARARION NUT-GE P/N47D515441-P1 8JAN76		
6	3			GE/RESD	47E515465			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #81 CLAMP RING ASSEMBLY - SMALL DECELERATION MODULE		
6	3			GE/RESD	47E515466			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #82 RING ASSEMBLY INTERFACE - SMALL DECELERATION MODULE		
6	3			GE/RESD	DIN U-NH-75-95-227			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #83 SMALL PROBE TIP-OFF ANALYSIS 22MAY75		
6	3			GE/RESD	DIN U-NWS-75-93-D64			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #84 SMALL PROBE SEPARATION - DYNAMIC ANALYSIS 2JUL75		
6	3			GE/RESD	DIN U-PV-76-93-005			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #85 SMALL PROBE SEPARATION DEVELOPMENT TESTS 23JAN76		
6	3			GE/RESD	47E515631			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #86 DESPIN SYSTEM INSTL--SMALL DECELERATION MODULE		
6	3			GE/RESD	DIN U-NH-75-95-170			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #87 PIONEER VENUS SMALL PROBE YO-YO UPDATE 13 MAR75		
6	3			GE/RESD	DIN U-NH-75-95-247			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #89 FAILURE OF ONE YO-YO RELEASE EFFECT ON SMALL PROBE DYNAMICS 18JUL75		
6	3			GE/RESD	S-1375-05-0019			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #90 CRITICAL ITEM DEVELOPMENT/PRODUCT SPECIFICATION FOR CABLE CUTTER, EXPLOSIVE		
6	3			GE/RESD	47D515637			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #91 CABLE CUTTER		
6	3			GE/RESD	47C517841			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #92 CARTRIDGE - CABLE CUTTER		
6	3			GE/RESD	S-5935-50-0027			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #93 CRITICAL ITEM DEVELOPMENT/PRODUCT SPECIFICATION FOR CONNECTOR, ELECTRICAL DISCONNECT (61 CONTACTS)		
6	3			GE/RESD	47D515444			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #94 CONNECTOR, ELECT, INTERSTAGE		
6	3			GE/RESD	47D517863			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #95 CATHCHER ASSEMBLY - IFD PLUG		
6	3			GE/RESD	47D5151542			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #96 THERMOCOUP[LE ASSEMBLY, SHIELD		
6	3			GE/RESD	47C515543			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #97 THERMOCOUPLE		
6	3			GE/RESD	47C515544			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #98 HOUSING, THERMOCOUPLE - SHIELD		
6	3			GE/RESD	47C515600			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #99 TEMPERATURE SENSOR ASSEMBLY		
6	3			GE/RESD	47C515516			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #100 SENSOR-TEMPERATURE		
6	3			GE/RESD	DIN 9720-NH-2036			HAC/GE TEST PROGRAM PLAN	HAC/GE TEST - #101 RELIABILITY ANALYSIS FOR PIONEER VENUS PROGRAM DECELERATION MODULE 30JAN76		
6	3			GE/RESD	S0060-07-0006-REV. A			HAC/GE TEST PROGRAM PLAN	#102 PROGRAM APPROVED PARTS, MATERIALS & PROCESSES LIST FOR PIONEER VENUS PROGRAM DECELERATION MODULE		
6	3			GE/TSE	9154-TDM-75-010			ABLATION TESTING	ABLATION TESTING FOR HEATSHIELD MATERIALS AT NASA-AEHS FACILITY		
6	3			GE/TSE	9720-NH-001		29-Sep-75	ABLATION TEST	PIONEER VENUS - FINAL REPORT ABLATION TESTS AT MARTIN MARIETTA 5.25 MW FACILITY		
6	3			GE/RESD	AEDM9151-006		12-Sep-75	ABLATION TEST PROGRAM	PIONEER VENUS ABLATION TEST PROGRAM--THERMODYNAMICS ANALYSIS		
6	3			GE/TSE	9154-TDM-75-011		23-Jun-75	HYPERTHERMAL ABLATION	PIONEER VENUS FINAL REPORT HYPERTHERMAL ARC ABLATION PROGRAM		
6	3			GE/RESD	HAC3385500-100-4		09-Mar-77	SML PRB DECEL MODULE	PIONEER VENUS PROGRAM / SMALL PROBE DECELERATION MODULE ASSEMBLY - ACCEPTANCE SUMMARY DATA PKG S/N 102		
6	3			GE/RESD	HAC338500-100-4		13-Apr-77	SML PRB DECEL MODULE	PIONEER VENUS PROGRAM / SMALL PROBE DECELERATION MODULE ASSEMBLY -		
6	3			GE			29-Sep-75	ABLATION TEST	ABLATION TEST FOR HEATSHIELD MATERIALS		
6	3			HAC			1974-1977	GE ELECTRIC SUBCONTRACTS	2231.9 GE ELECTRIC SUBCONTRACTS		
6	3			HAC/NASA/ARC			1974-1976	PV TEST PROGRAM CORRESPONDENCE	PV TEST PROGRAM - CORRESPONDENCE		
6	3			HAC/NASA	HS507-1360	2	01-Sep-74	NAS2-8300 TEST PROGRAM PLAN	PIONEER VENUS TEST PROGRAM PLAN, NAS2-8300		

6	4								***ARC / HAC MGMT MEETINGS, NAS2-8300 CONTRACT, NEGOTIATIONS***		
6	4			NASA/ARC				ON-ORBIT PARAMETERS	PIONEER VENUS ON-ORBIT PARAMETERS		
6	4			NASA/ARC			JAB88-APR92	ORB SUN POSITION	ORBITER SUN POSITION - STAR AVAILABILITY		
6	4			NASA/ARC				ORB ATTITUDE LOG	ORBITER ATTITUDE LOG - MAINTENANCE MANUAL, VERSION 1A, DA TRISTRAM		
6	4			NASA/ARC				SPIN-UP,STAR SENSOR,POINTING	PIONEER VENUS SPIN-UP, STAR SENSOR AND ANTENNA POINT (NOTES, ETC.)		
6	4						23-Jan-79	BUS ENCOUNTER TRAJ	PIONEER VENUS FINAL BUS ENCOUNTER TRAJECTORY (PRINTOUT)		
6	4			NASA/ARC			FEB 75 - MAY 76	ARC/HAC MGMT MEETINGS	ARC-HAC MANAGEMENT MEETINGS		
6	4			NASA/ARC			APR 76 - MAY 77	ARC/HAC MGMT MEETINGS	ARC-HAC MANAGEMENT MEETINGS		
6	4			NASA/ARC			AUG 77 - JAN 78	ARC/HAC MGMT MEETINGS	ARC-HAC MANAGEMENT MEETINGS		
6	4			NASA/ARC			1973	S/C RFP	PIONEER SPACECRAFT RFP		
6	4			NASA/ARC			1974	NAS2-3800 NEGOTIATIONS	NAS2-8300 NEGOTIATION NOTES - BOOK 1 & 2		
6	4			NASA/ARC			1977-1978	HQ TELECONFERENCING	HEADGUARTERS TELECONFERENCING		
6	5								***PV - NFRs, CFRs, EMIs***		
6	5			HAC	HS507-0082-2131		28-Feb-77	PV - OPEN FAILURE REPORTS	PV - OPEN FAILURE REPORTS - COMMAND DATA UNIT, ORBITER COMM. S/S, STAR SCANNER		
6	5			HAC	HS507-0082-3008		14-Apr-78	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS - B2857,B6827,B6828, B6829, B6831, B6839, B6840, B6845, B6846, B6847, B6848, B6849, B6856, B6861, B6862, B6864, B6866, B6884, BBRC2715, BBRC2780, 87469,87650,87653,87655, 87745, 87747, 87828, 87829, 87882		
6	5			HAC	HS507-0082-2853		02-Feb-79	PV-CLOSED FAILURE REPORTS	PV- CLOSED FAILURE REPORT - HAC B6450, 87924, 87925, BBRC2778, BBRC2779		
6	5			HAC	HS507-0082-2649		19-Oct-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS - HAC B6426, B6439, B6454, B6711, B6713		
6	5			HAC			08-Aug-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS - HAC B1172, B6442, B6709, B6756, B6766		
6	5			HAC	HS507-0082-2293		05-May-77	PV-CLOSED FAILURE REPORTS	PV -CLOSED FAILURE REPORTS-HAC B2317, B1193, 87923, GE 21878, 22010, 22011A, 24050, 21712		
6	5			HAC	HS507-0082-2257		22-Apr-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS - HAC 87518, BBRC 2699, 2712, 2717		
6	5			HAC	HS507-0082-2209		06-Apr-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS - HAC 87854, B2845 & FAILURE ANALYSIS RPT GE/PV-001		
6	5			HAC	HS507-0082-2201		04-Apr-77	PV-CLOSED FAILURE REPORTS	PV -CLOSED FAILURE REPORTS - HAC 87920, 87921, 2325, BBRC 2711		
6	5			HAC	HS507-0082-2182		24-Mar-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS- B2307, B2311, B2315, B2316, B2317, B2324, B2329, B2330, B2331, 87880		
6	5			HAC			25-Jun-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS -B1194, B2846, B2849, B2852, B6827, B6428, B6434, B6816, B6433, BBRC 2713, BBRC 2714, BBRC 2716, BBRC2769, BBRC 2768		
6	5			HAC			20-May-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS - B2847, B1170, B2326, B2334, B6764, 87513, 87526		
6	5			HAC			12-May-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS - B2319, B2320, B2323, B2327, B2332, B2333		
6	5			HAC			25-Jul-77	PV-CLOSED FAILURE REPORTS	PV - CLOSED FAILURE REPORTS - BBRC2772, BBRC2773, BBRC2774, BBRC2775, B0310, B2339, B6425, B6882		
6	5			HAC	HS507-0082-3042		26-Apr-78	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS - 239517, 239512, 239568, 241380, GE/NCR 21724, 21881, 31457, 31459, 31472, 21725, 31456, 31458, 31460		
6	5			HAC	HS507-0082-2730		23-Nov-77	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS -240896,		
6	5			HAC	HS507-0082-2298		10-May-77	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS - 240865, 240944, 240948, 240911, 240909, 200316, 200317, 240860, 82508, 201159, 240949, 200322, 242122, 199589, 201162, 199581, 21884, 21887, 199586		
6	5			HAC	HS507-0082-2284		03-May-77	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS - 207853, 201156, 201158, 240945, 199585, 241932		
6	5			HAC	HS507-0082-2267		26-Apr-77	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS - 241924, 201150, 201152, 201154, 240940, 240939, 240941, 240899, 242015, 242113, 240913, 242118, 201157		
6	5			HAC	HS507-0082-2247		19-Apr-77	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS - 242585, 240966. 240967, 200305, 201171, 242599, 240947, 240919, 240903, 240921, 199579, 199581, 200300, 201172, 240859, 240915, 201151, GE NCR 21878, 21879		
6	5			HAC	HS507-0082-2191		30-Mar-77	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS - GE NCR 21714, 21877, 22253, NCMR 201148, 207854, 200092, 200098, 200099, 240942, 184519, 242574, 242575, 242576, 201149, 212713, 240904, 241942		
6	5			HAC	HS507-0082-2141		02-Mar-77	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS - NCMR 204246, 242525, 242521, 242523, 242511, 200088, 242531, 185348, 242534, 242536, 242537, 242538, 201112, 207856, 242170, 242550, 242553, 201146, 223418, 242532		
6	5			HAC	HS507-0082-2114		16-Feb-77	PV-NONCONFORMANCE CLOSEOUTS	PV - NONCONFORMANCE CLOSEOUTS - GE 22154, 22692, 22257, 22256, NCMR 199340, 242500, 242513, 200426, 240922, 242517, 242515, 242514, 242518, 201125, 201126, 242167, 242527, 242528, 242160, 242159, 200480, 185347, 138624		

6	5			HAC			Apr-77	EMI TEST - OGBD	EMI TEST FOR PV - OGBD UNIT		
6	5			HAC			Oct-76	EMI TEST - ORPA	EMI TEST FOR PV - ORPA UNIT		
6	5			HAC			Oct-76	EMI TEST - ASI-LAS	EMI TEST FOR PV - ASI-LAS UNIT		
6	5			HAC			Mar-77	EMI TEST - LSFR	EMI TEST FPR PV - LSFR UNIT		
6	5			HAC			Mar-77	EMI TEST - OPA	EMI TEST FOR PV - OPA UNIT		
6	5			HAC			Mar-77	EMI TEST - OCPP	EMI TEST FOR PV - OCPP UNIT		
6	5			HAC			Mar-77	EMI TEST - BNMS	EMI TEST FOR PV - BNMS UNIT		
6	5			HAC			Feb-77	EMI TEST - OUVS	EMI TEST FOR PV - OUVS UNIT		
6	5			HAC			Jan-77	EMI TEST - ORAD	EMI TEST FOR PV - ORAD UNIT		
6	5			HAC			Jan-77	EMI TEST - LGC	EMI TEST FOR PV - LGC UNIT		
6	5			HAC			Jan-77	EMI TEST - OMAG-DVU	EMI TEST FOR PV OMAG-DVU UNIT		
6	5			HAC			Dec-76	EMI TEST - NEP	EMI TEST FOR PV - NEPHELOMETER		
6	5			HAC			Dec-76	EMI TEST - OEFD	EMI TEST FOR PV - OEFD UNIT		
6	5			HAC			Dec-76	EMI TEST - OIR	EMI TEST FOR PV - OIR UNIT		
6	5			HAC				ORB HGA ELEVATION SLEW	PV ORBITER HIGH GAIN ANTENNA ELEVATION SLEW		
6	5			HAC			1978	ORB RAD 7 RAM COMMAND	PV ORBITER RAD 7 RAM COMMAND CONVERSION SPACE $ & REAL $		
6	5			HAC			1972-1976	ORB SCI. VIEWING	VENUS ORBITER SCIENCE VIEWING - MISC.		
6	5			HAC	HS507-0082-2360		05-Oct-77	PV CHANGE PROPOSAL #34	PV CHANGE PROPOSAL #34 - DIRECTED CHANGES TOPV S/C SYSTEM		
6	5			HAC	HS507-0082-2313		27-May-77	PV CHANGE PROPOSAL #33	PV CHANGE PROPOSAL #33, PC-43X, REV. 11, DIRECTED CHANGES TO PV S/C SYSTEM		
6	5			HAC	HS507-0082-1270		04-May-76	PV CHGANGE PROPOSAL #12	PV CHANGE PROPOSAL #12, PC-43X, REV. 7 - DIRECTED CHANGES TO PV S/C SYSTEM		
6	5			HAC	HS507-0082-1596		23-Aug-76	PV CHANGE PROPOSAL #20	PV CHANGE PROPOSAL #20, PC-43X, REV 8 - DIRECTED CHANGES TO PV S/C SYSTEM		
6	5			HAC	HS507-0082-2270		29-Apr-77	COST AT COMPLETION ESTIMATE	COST AT COMPLETION ESTIMATE - CHANGE PROPOSAL #32 - PV S/C SYS - VOL I& II		

PIONEER PROJECT
PIONEER VENUS

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
7	**1**								***REVIEWS, CLOSEOUT DOCS, DATA PKGS, ETC.***		
7	1			HAC			10-Apr-75	COMMUNICATIONS SUBSYS	PV COMMUNICATIONS SUBSYSTEM DESIGN REVIEW & MISC		
7	1			HAC	HS501-0082-450		01-May-75	LG & SML PROBES PRESSURE VESSEL	PV STRUCTURES SUBSYSTEM DESIGN REVIEW - LG & SML PROBE PRESSURE VESSEL MODULES VOL I&II		
7	1			HAC	HS507-2779		08-May-75	S/C MLTPRB/ORB	PV STRUCTURE SUBSYSTEM DESIGN REVIEW - MULTIPROBE & ORBITER SPACECRAFT		
7	1			HAC	HS507-4888		09-Apr-76	HGA FDR DATA PKG	PV FDR DATA PKG - HIGH GAIN ANTENNA		
7	1			HAC			20-Feb-76	X-BAND TRANSMITTER	PV X-BAND TRANSMITTER DESIGN REVIEW		
7	1			HAC	HS507-0082/638		6AUG75	DECEL MODULE	PV - DECELERATION MODULE SUBSYSTEN DESIGN REVIEW, STATUR OF ACTION ITEMS		
7	1			HAC			May-75	LG & SML PROBE HARNESS	PV - STRUCTURES/HARNESS LARGE AND SMALL PROBES DESIGN REVIEWS		
7	1			HAC			08-May-75	BUS/ORB ELECT POWER	PV ELECTRICAL POWER SUBSYSTEM MULTIPROBE BUS &ORBITER DESIGN REVIEW		
7	1			HAC			May-75	COMMAND & DATA HANDLING	PV - COMMAND & DATA HANDLING SUBSYSTEM DESIGN REVIEW		
7	1			HAC	HS507-7665		24-29APR78	S/C MLTPRB PRE-SHIP	PV - MULTIPROBE SPACECRAFT PRE-SHIP REVIEW MTG VOL I & II		
7	1			HAC	HS507-7531		08-Feb-78	ORB PRE-SHIP	PV - ORBITER PRESHIP REVIEW DATA, SEC 1,2,4		
7	1			NASA/GSFC			Dec-75	BIMS/OIMS FDR	PV BIMS / OIMS FDR		
7	**2**								***REVIEWS, CLOSEOUT DOCS, DATA PKGS, ETC.***		
7	2			HAC	HS507-4434		15-Jan-76	COMMUNICATION SUBSYS	PV PROGRAM - FDR - 3db & 6 db HYBRIDS, COMMUNICATION SUBSYSTEM		
7	2			HAC	HS507-4289		11-Dec-75	COMMUNICATIONS SUBSYS	PV PROGRAM - FDR - DRIVER AMPLIFIER, COMMUNICATIONS SUBSYSTEM		
7	2			HAC	HS507-5093		17-May-76	SML PRB ANTENNA	PV PROGRAM - FDR DATA PKG - SMALL PROBE ANTENNA		
7	2			HAC	HS507-4114		20-Feb-76	BUS/ORB DATA HANDLING	PV PROGRAM - FDR - TELEMETRY PROCESSOR P/N 3385034-100 - BUS & ORBITER DATA HANDLING SYSTEM		
7	2			HAC	HS507-5576		17-Sep-76	PRB THERMAL INSULATION	PV PROGRAM - FDR - PROBE THERMAL INSULATION		
7	2			HAC	HS507-4654		26-Feb-76	ORB/DESPIN	PV PROGRAM - FDR - DESPIN CONTROL ELECTRONICS P/N 3385064-1-100, ORBITER CONTROL SUBSYSTEM		
7	2			HAC	HS507-4289		03-Feb-76	POWER AMPLIFIER	PV PROGRAM - FDR - POWER AMPLIFIER COMMUNICATIONS SUBSYSTEM		
7	2			HAC	HS507-4289		15-Jan-76	S-BAND DIPLEXER	PV PROGRAM - FDR - S-BAND DIPLEXER COMMUNICATIONS SUBSYSTEM		
7	2			HAC	HS507-4434		15-Jan-76	ROTARY JOINT	PV PROGRAM - FDR - ROTARY JOINT		
7	2			THIOKOL	SP/1587/77		15-Mar-77	S/C ORB FDR REPORT	PV - ORBITER SPACECRAFT - FDR REPORT		
7	2			HAC	HS507-4617/1		02-Mar-76	INSTRUMENT INTEGRATION CONSOLE	PV PROGRAM - DESIGN REVIEW - INSTRUMENT INTEGRATION CONSOLE 3507400-100		
7	2			HAC	507-4612		05-Feb-76	BUS STRUCTURE	PV PROGRAM - FDR - BUS STRUCTURE , SEC. 5.0 THERMAL CONTROL		
7	2			HAC	HS507-0082-1188		27-Feb-76	COMMAND/DATA UNIT	PV COMMAND/DATA UNIT FDR DOCUMENTATION		
7	2			HAC	HS507-4679		17-Feb-76	MAGNETOMETER	PV - MINUTES OF FDR - MAGNETOMETER DEPLOYMENT MECHANISM		
7	2			HAC	HS507-0082-1098		16-Feb-76	PYRO CONTROL UNIT	PV - FDR CLOSE-OUT DOCUMENTATION PYRO CONTROL UNIT		
7	2			HAC	HS507-4612		09-Feb-76	BUS STRUCTURE	PV PROGRAM - FDR - BUS STRUCTURE, SEC 5.0 STRESS & DYNAMICS		
7	2			HAC	HS507-4612		03-Feb-76	S/C MLTPRB BUS	PV PROGRAM - FDR - MULTIPROBE BUS SPACECRAFT STRUCTURE		
7	2			HAC	HS507-4707		20-Feb-76	BUS/ORB POWER ELECT	PV PROGRAM - FDR - BUS AND ORBITER POWER ELECTRONICS UNITS		
7	2			HAC	HS507-0082-1156		19-Mar-76	COMMAND PROCESSOR	PV FDR CLOSE-OUT DOCUMENTATION - COMMAND PROCESSOR		
7	2			HAC	HS507-4840		15-Mar-76	DESPIN CONTROL	PV - MINUTES OF FDR - DESPIN CONTROL ELECTRONICS UNIT		
7	2			HAC	HS507-4889		09-Apr-76	HGA BACK-UP	PV PROGRAM - FDR DATA PKG - HIGH GAIN BACK-UP		
7	2			HAC	HS507-4777		12-Mar-76	LG PRB ANTENNA	PV PROGRAM - FDR DATA PKG - LARGE PROBE ANTENNA		
7	2			HAC	HS507-4778		12-Mar-76	AFT OMNI ANTENNA	PV PROGRAM - FDR DATA PKG - AFT OMNI ANTENNA		
7	2			HAC	HS507-4779		12-Mar-76	FWD AFT ANTENNA	PV PROGRAM - FDR DATA PKG - FORWARD OMNI ANTENNA		
7	2			HAC	HS507-4956		13-Apr-76	LG & SML PRB PRESSURE VESSEL	PV PROGRAM - FDR DATA PKG - LARGE & SMALL PROBE PRESSURE VESSEL MODULE INTERNAL HARNESS		
7	2			HAC	HS507-4780		12-Mar-76	TEST PRB ANTENNA	PV PROGRAM - FDR DATA PKG -TEST PROBE ANTENNA		
7	2			HAC	HS507-4528		19-Jan-76	ROTARY JOINT, HYBRIDS	PV - FDR MINUTES FOR ROTARY JOINT, 3 db & 6 db HYBRIDS, 2 GHZ ISOLATOR AND HIGH-POWER LOAD		
7	2			HAC	HS507-4846		01-Apr-76	LG & SML PRB PRESSURE VESSEL	PV PROGRAM - FDR, VOL II, APPENDIX - LARGE & SMALL PROBE PRESSURE VESSEL MODULE WINDOWS, PENETRATIONS, SEALS AND STRUCTURE		
7	2			GE			Feb-76	DECEL MODULE	PV - FDR - DECELERATION MODULE		
7	2			NASA	SA-6-15:244-8		27-May-76	SSG MTG/QUARTERLY REV.	PV - QUARTERLY REVIEW-FDR-SSG MTGS		

7	2			HAC	HS507-5316		06-Jul-76	LG & AML PRB WIRING HARNESS	PV PROGRAM - FDR & DATA PKG - LARGE & SMALL PROBE WIRING HARNESS SUBSYSTEMS EXTERNAL HARNESS ASSEMBLIES		
7	2			HAC	HS507-4761		16-Mar-76	ORB/BUS ATTITUDE DATA PROCESSOR	PV PROGRAM - FDR - ATTITUDE DATA PROCESSOR P/N 3385055-100 - ORBITER / BUS CONTROL SUBSYSTEM		
7	2			HAC	HS507-4706		20-Feb-76	BUS/ORB SOLAR PANEL	PV PROGRAM - FDR DATA PKG - BUS / ORBITER SOLAR PANEL		
7	2			HAC	HS507-5224		23-Jun-76	BUS/ORB FDR	PV PROGRAM - SYSTEM FDR VU-GRAPHS DATA PKG - 1ST DAY - BUS / ORBITER		
7	2			HAC	HS507-5224		24-Jun-76	BUS/ORB FDR	PV PROGRAM - SYSTEM FDR VU-GRAPH DATA PKG - 2ND DAY - BUS / ORBITER		
7	2			HAC	HS507-5226		25-Jun-76	SYS TEST PROGRAM	PV PROGRAM - SYSTEM FDR VU-GRAPH DATA PKG - 3RD DAY - SYSTEM TEST PROGRAM		
7	2			HAC	HS507-5227		28-Jun-76	PROBES SYS FDR	PV PROGRAM - SYSTEM FDR - VU-GRAPH DATA PKG - 4TH DAY - PROBES		
7	2			HAC	HS507-5228		29-Jun-76	PROBES SYS FDR	PV PROGRAM - SYSTEM FDR - VU-0GRAPH DATA PKG - 5TH DAY - PROBES		
7	**3**								***PRE-SHIP REVIEWS, FINAL DESIGN REVIEWS ETC.***		
7	3			HAC	HS507-7665		07-Apr-78	MLTPRB PRE-SHIP	PV DATA PKG FOR MULTIPROBE PRE-SHIP REVIEW, VOL I & VOL II AND MISC.		
7	3			FBI	HS507-1851-70		06-Oct-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR (OCXO) - MODEL FE-2123-A HARD COPY DOCS (SEC 8 & 9)		
7	3			FBI	HS507-			STABLE OSCILLATOR	PV - DESIGFN REVIEW - STABLE OSCILLATOR (OXCO) MODEL FE-2123A		
7	3			FBI			26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL I OF V		
7	3			FBI			26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL II OF V		
7	3			FBI			26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL III OF V		
7	3			FBI			26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL IV OF V		
7	3			FBI			26-Sep-75	STABLE OSCILLATOR	PV - FDR PKG - STABLE OSCILLATOR - VOL V OF V		
7	3			HAC			01-Jul-73	ATTITUDE CONTROL	PV - FINAL REPORT SYSTEM DESIGN OF THE PV S/C - VOL 9 - ATTITUDE CONTROL/MECHANISMS SUBSYSTEMS STUDIES		
7	3			HAC	HS507-4113		18-Dec-75	PYRO CONTROL UNIT	PV PROGRAM - FDR - PYRO CONTROL UNITS - BUS / ORBITER: 3385044-100 & PROBE; 3385233-100 - SUBSYS BUS / ORBITER COMMAND PROBE COMMAND & DATA		
7	3			NASA/ARC			16-Mar-77	LAS/SAS	PV TEST REPORT LAS/SAS PRESSURE & TEMPERATURE SENSORS		
7	3			HAC			04-Apr-75	ORB/MLTPRB BUS SUBSYS	PV- CONTROL SUBSYSTEM PRELIM DESIGN CONCEPT FOR ORB & MULTIPROBE BUS		
7	3			HAC	HS507-2723		24-Apr-75	CONTROL SUBSYS	PV CONTROL SUBSYSTEM PRELIMINARY DESIGN REVIEW - MINUTES		
7	3			HAC				CONTROL SUBSYS	PV - CONTROL SUBSYSTEM - PRELIMINARY DESIGN REVIEW - PART II - SEC 4.0 HARDWARE AND OTHER		
7	**4**								***PV - PROPOSALS, DESIGN & DEVELOPMEENT***		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL I - TECHNICAL PROPOSAL - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL IA - DEVELOPMENT PLAN - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL II - DPROGRAM MANAGEMENT PLAN - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 1 - COST PROPOSAL SUMMARY - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 2 - CONCEPTUAL DESIGN PHASE - PROPOSAL FOR DESGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 3 - DESIGN/DEVELOPMENT/OPERATIONS PHASE - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 3A - DESIGN/DEVELOPMENT/OPERATIONS PHASE - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 4 - DETAILS FOR OTHER DIRECT COSTS - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 5 - CONTRACTURAL - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONER VENUS SPACECRAFT SYSTEM		
7	4			HAC	HS507-0755		Aug-73	HAC-PV S/C SYS PROPOSAL	VOL III - COST PROPOSAL, BOOK 6 - TASK STATEMENTS, SUMMARY - PROPOSAL FOR DESIGN AND DEVELOPMENT OF THE PIONEER VENUS SPACECRAFT SYSTEM		
7	**5**								***PV - PROPOSALS, DESIGN & DEVELOPMENT& SEB***		
7	5			HAC	HS507-0865		Sep-73	HAC-PV S/C SYS PROPOSAL	PROPOSAL FOR DESIGN AND DEVELOPMENT OF PIONEER VENUS SPACECRAFT SYSTEM / ANSWERS TO QUESTIONS-ANSWERS TO QUESTIONS		
7	5			HAC	HS507-1054		May-74	HAC-PV PROGRAM SYS INTEGRATION TEST	PV PROGRAM SYSTEMS INTEGRATION, TEST & LAUNCH OPERATIONAL PLAN		
7	5			HAC	HS507-1055		Oct-74	HAC-PROGRAM PRODUCT EFFECTIVENESS	PV PROGRAM PRODUCT EFFECTIVENESS & SAFETY PLAN		
7	5			HAC	HS507-1360		Sep-74	HAC-PV PROGRAM	PV PROGRAM - TEST PROGRAM PLAN		

7	5			HAC	HS507-0422		26-Feb-73	HAC-PV S/C SYS DESIGN	PV SPACECRAFT SYSTEM DESIGN STUDY - COST COMPARISON		
7	5			HAC	HS507-0422		26-Feb-73	HAC-PV S/C SYS DESIGN	PV SPACECRAFT SYSTEM DESIGN STUDY - STUDY REVIEW		
7	5			HAC	HS507-1053	1	Oct-74	HAC-PV PROGRAM DEV PLAN	PV PROGRAM DEVELOPMENT PLAN		
7	5			HAC	HS507-0022-45		01-Dec-72	HAC-PV S/C SYS DESIGN	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT		
7	5			HAC			19-Sep-73	HAC-PV SEB ORAL	PIONEER VENUS SEB ORAL PRESENTATION		
7	5			HAC	HS507-1053		Jul-74	HAC-PV PROGRAM DEV PLAN	PV PROGRAM DEVELOPMENT PLAN		
7	5			HAC	HS507-0106		May-72	HAC-PV S/C SYS DESIGN	PROPOSAL FOR SYSTEM DESIGN STUDY OF VENUS PIONEER SPACECRAFT, VOL II BUSINESS MANAGEMENT		

PIONEER PROJECT		PIONEER PROJECT									
		PIONEER VENUS									
FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
8	**1**								***PIONEER VENUS - ASSORTED FILES***		
8	1			NASA/ARC				S/C ORB	PV - ORBITER S/C ATTITUDE POLAR PLOTS		
8	1			NASA/ARC			1985-1987	ORB ATTITUDE	PV - ORB ATTITUDE MANEUVERS FOR COMET VIEWING		
8	1			NASA/ARC			1990-1992	ORBITER ATTITUDE	PV - ORB MANEUVER RECORD ATTITUDE & SPIN RATE CVONTROL		
8	1			NASA/ARC			1990-1992	ORB & HIGH ELEVATION	PV - ORB & HIGH ELEVATION ARCHIVE, BOOK 3		
8	1			NASA/ARC				ORB 3 BODY PERTURBANCES	PV - ORB 3 BODY PERTURBANCES		
8	1			NASA/ARC			1979-1985	PV - MISC	PV - MISCELLANEOUS		
8	1			NASA/ARC			1980	ORB-ELEMENTS AT PERIAPSIS	PV - ORB ELEMENTS AT PERIAPSIS		
8	1			NASA/ARC			1978-1987	ORB HISTORY LOG	PV - ORB HISTORY LOG		
8	1			NASA/ARC			1982	ORB HGA ELEVATION	PV - ORB HIGH GAIN ANTENNA ELEVATION CONTROL, ORBITS 1519 - 2264		
8	1			NASA/ARC			1987-1989	ORB ATTITUDE/SPIN TRIM	PV - ORB ATTITIUDE & SPIN TRIM MANEUVERS		
8	1			BFEC				PDP11/44 ORBIT SEQ	PV - USERS GUIDE PDP11/44 ORBIT SEQUENCE GENERATION		
8	1			NASA/ARC			1979-1991	ORBIT BUILDERS MEMO	PV - ORBIT BUILDERS INTERNAL MEMOS		
8	1			NASA/ARC			1985	HADAR	HADAR OBSERVATIONS		
8	**2**								***PIONEER VENUS - ASSORTED FILES***		
8	2			HONEYWELL			1970	FIELD SENSOR	PV - 90 DEGREE FIELD SENSOR & 10 DEGREE FIELD SENSOR DRAWINGS		
8	2			HONEYWELL			1970	SUN SENSOR DWGS	PV - SUN SENSOR DRAWINGS		
8	2			AFFTC	AFFTC-TR-77-22		Aug-77	PARACHUTE	PV - PARACHUTE PROOF TEST		
8	2			HAC	HP 10-22		04-Feb-75	CONTROLLED AREAS	REQUIREMENTS FOR CONTROLLED AREAS		
8	2			HAC			1975	PARTS REVISION	SUMMARY PARTS REVISION		
8	2			HAC	HS507-3865-3		01-Feb-77	AUTH. PARTS/MATLS	PV AUTHORIZED ELECTRONIC AND MECHANICAL PARTS & MATERIALS LIST		
8	2			HAC	HS507-1186		26-Jun-74	PARTS LIST	PV PROGRAM PREFERRED PARTS LIST		
8	2			HAC				PARTS INDEX	PV PARTS PROGRAM MASTER INDEX FOR MISC PARTS		
8	2			HAC			20-Feb-76	X-BAND TRANSMITTER	PV X-BAND TRANSMITTER DESIGN REVIEW 26FEB76 , DWGS & MISC		
8	2							RADIO OCCULATION	RADIO OCCULATION / SRI		
8	2			NASA/ARC			1975	DRIVER AMPLIFIER	PV - DRIVER AMPLIFIER		
8	2			HAC			1975	SWITCH DRIVER	PV - SWITCH DRIVER		
8	2			HAC	HS507-7365		21-Dec-77	ORB MISSION TESTS	PVO - ANALYSIS OF ORBITER MISSION SEQUENCE RELATED TESTS		
8	2			HAC	HS507-6014		21-Dec-76	BAPTA TEST REPORT	PVO - ATTACH FITTING & BEARING & POWER TRANSFER ASSY STATIC TEST REPORT		
8	2			FEI/NASA/ARC			01-Oct-76	FAILURE REPORT	FAILURE REPORT OF 9SEP76		
8	2			HAC/NASA/ARC			1975-1976	TRANSPONDER/PROBE EXCITER	PV - TRANSPONDER / PROBE EXCITER		
8	2			NASA/ARC			1976-1977	ORB/MLTPRB COMMAND	PVO & MULTIPROBE COMMAND SUBSYSTEMS		
8	2			HAC/NASA/ARC			1975-1976	S-BAND DIPLEXER	PV - S-BAND DIPLEXER - HYBRIDS & ISOLATOR		
8	2			NASA/ARC			1977-1978	TRAJECTORY INFO	PV - TRAJECTORY INFORMATION		
8	2			HAC/NASA/ARC			1976-1978	COMMUNICATIONS SUBSYS	PV - COMMUNICATION SUBSYSTEM		
8	2			HAC			1977	SMALL PROBE TESTS	PV - SMALL PROBE TESTS		
8	2			HAC	HS507-6906		Jul-77	ORB-STM VIBRATION	PVO - STM VIBRATION TEST REPORT		
8	2			HAC	HS507-0082-1413		26-May-76	HGA & HGA BACK-UP	HGA & HGA BACK-UP FDR & DOCUMENTS		
8	2			JPL/HAC/NASA			1977-1978	S/C LAUNCH VEHICLE	PV - LAUNCH VEHICLE SPACECRAFT RFI		
8	2			HAC	HS507-6849	1	Sep-77	MLTPRB LAUNCH	PV - MULTIPROBE LAUNCH SUPPORT REQUIREMENTS		
8	2			HAC	HS507-6849		01-Aug-77	MLTPRB LAUNCH	PV - MULTIPROBE LAUNCH SUPPORT REQUIREMENTS		
8	2			HAC	HS507-6600		01-Aug-77	MLTPRB HAZARDOUS SYS	PV MULTIPROBE HAZARDOUS SYSTEMS DOCUMENT		
8	2			HAC	HS507-7087		Jan-78	MLTPRB LAUNCH OPS	PIONEER VENUS MULTIPROBE LAUNCH OPERATIONS MANUAL		
8	**3**								***PIONEER VENUS - ASSORTED FILES***		
8	3			HAC	HS507-5164		Jun-76	PROBES DATA BOOK	PIONEER VENUS PROGRAM - LARGE AND SMALL PROBE DATA BOOK		
8	3			HAC/NASA/ARC			1977-1978	STABLE OSCILLATOR - SML PRB	PIONEER VENUS - SMALL PROBE STABLE OSCILLATOR		

8	3			HAC	HS507-6627		27-May-77	PROBES-THERMAL INSULATION	PIONEER VENUS-CLOSEOUT OF PROBES THERMAL INSULATION FDR ACTION ITEMS		
8	3			HAC	SS31639-009		16-Jun-76	TELEMETRY ASSIGNMENT	PIONEER VENUS - TELEMETRY ASSIGNMENT LISTS		
8	3			HAC	SS31639-900		14-Jul-77	TELEMETRY DATA	PVO TELEMETRY DATA CONVERSION HANDBOOK		
8	3			NASA/ARC				RAM PULSE	PIONEER VENUS RAM PULSE		
8	3			HAC	SS31639-008		16-Jun-76	COMMAND ASSIGNMENT	PIONEER VENUS COMMAND ASSIGNMENT LISTS		
8	3			HAC	HS507-0082-2164		11-Mar-77	PROBES - THERMOCOUPLER	GE INFORMATION - THERMOCOUPLER FOR LARGE AND SMALL PROBES		
8	3			HAC			1975	MEDIUM GAIN HORN	MEDIUM GAIN HORN ANTENNA		
8	3			NASA/ARC			1975-1977	RADIO FREQUENCY	RADIO FREQUENCY APPLICATIONS		
8	3			HAC			1975	AFT OMNI ANTENNA	AFT ONMI ANTENNA DRAWINGS		
8	3			HAC			1975	FWD OMNI ANTENNA	FORWARD OMNI ANTENNA DRAWINGS & UNIT REQUIREMENTS		
8	3			HAC/NASA/ARC			1976	ROTARY JOINT	PIONEER VENUS ROTARY JOINT		
8	3			NASA/ARC			1977	DEF. OF WORD "O"	PIONEER VENUS COMPUTER-MISC, EDR FILE DEFINITION ORB LOGICAL...DEF OF WORD "O"		
8	3			BFEC			Aug-77	DRPS	PIONEER VENUS - DESIGN DOCUMENT FOR THE DATA RECORDS PROCESSING SYSTEM (DRPS)		
8	3			HAC	HS507-5973		Jan-77	COMPUTER USERS MANUA;	PIONEER VENUS COMPUTER USER'S MANUAL		
8	3			HAC	HS507-7980		Dec-78	IIC COMPUTER	PIONEER VENUS IIC COMPUTER SYSTEM - VOL I - SOFTWARE SYSTEM MANUAL		
8	3			HAC	HS507-7980		Dec-78	IIC COMPUTER	PIONEER VENUS IIC COMPUTER SYSTEM - VOL II - HARDWARE SYSTEM MANUAL		
8	3			AEDC	AEDC-DR-76-10		25-Feb-76	ORBIT INSERTION MOTOR	PIONEER VENUS - ORBIT INSERTION MOTOR - VIBRATION TESTING (S/N 0012 QA-1)		
8	3			AEDC	AEDC-DR-77-85		16-Sep-77	ORBIT INSERTION MOTOR	PIONEER VENUS - ORBIT INSERTION MOTOR - VIBRATION TESTING (S/N 0017 QA-2)		
8	3			HAC	HS507-6322		Sep-77	LAUNCH SUPPORT	PVO S/C LAUNCH SUPPORT REQUIREMENTS		
8	3			HAC	HS507-6322	1	15-Jul-77	LAUNCH SUPPORT	PVO S/C LAUNCH SUPPORT REQUIREMENTS		
8	3			HAC	HS507-7086		Dec-77	LAUNCH OPS	PVO S/C LAUNCH OPERATIONS MANUAL		
8	3			HAC	HS507-7086	1	10-Feb-78	LAUNCH OPS	PVO S/C LAUNCH OPERATIONS MANUAL		
8	3			HAC	HS507-6322		01-May-77	LAUNCH SUPPORT	PVO S/C LAUNCH SUPPORT REQUIREMENTS		
8	3			NASA/ARC			1979	ORB MANEUVER HISTORY	PVO MANEUVER HISTORY & THRUSTER PERFORMANCE LOG		
8	**4**								***ORAD - V-34 & LONG ECLIPSE SEASONS & ASSORTED FILES***		
8	4			NASA/ARC				LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #2		
8	4			NASA/ARC			1980	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON#3		
8	4			NASA/ARC			1980-1981	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #4		
8	4			NASA/ARC			1981-1982	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #5		
8	4			NASA/ARC			1982	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #6		
8	4			NASA/ARC			1982-1983	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #7		
8	4			NASA/ARC			1979	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #1		
8	4			NASA/ARC			1979-1985	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #9		
8	4			NASA/ARC			1979	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #8		
8	4			NASA/ARC			1984	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #10		
8	4			NASA/ARC			Mar-86	LONG ECLIPSE SEASON	LONG ECLIPSE SEASON #12		
8	4			NASA/ARC			1984	HADAR	PIONEER VENUS OBSERVATIONS AT HADAR		
8	4			NASA/ARC			1984	ENCKE	ENCKE OBSERVATIONS & TRACKING		
8	4			NASA/ARC			1984-1985	HALLEY	HALLEY TRACKING & OBSERVATIONS		
8	4			NASA/ARC			1984-1985	HALLEY	HALLEY OPS NOTES		
8	4			NASA/ARC			1987	COMET WILSON	COMET WILSON		
8	4			HAC			1976-1977	ORAD - V-34 DWGS	ORAD - V-34 DRAWINGS		
8	4			HAC			1976-1977	ORAD - V-34 DWGS	ORAD - V-34 DRAWINGS		
8	4			HAC			1976-1977	ORAD - V-34 DWGS	ORAD - V-34 DRAWINGS		
8	4			HAC			1976-1977	ORAD - V-34 PROPOSAL	ORAD - V-34 PROPOSAL MANAGEMENT		
8	4			HAC			1976-1977	ORAD - GSE	ORAD - GSE		
8	4			HAC			1976-1977	ORAD - ANTENNA DWGS	ORAD - ANTENNA DRAWINGS		
8	4			HAC			1976-1977	ORAD - V-34 DWGS	ORAD - V-34 DRAWINGS		
8	**5**								***PIONEER VENUS -HAC SPEC CONTROL DOCS & ASSORTED FILES***		
8	5			NASA/ARC			1978-1991	HGA	PVO HIGH GAIN ANTENNA		
8	5			JPL			1973	ENTRY COMMUNICATIONS	STUDY ON ENTRY COMM.		
8	5			JPL/NASA/ARC			1974-1975	DVLBI	PV DVLBI		

8	5			JPL/NASA/ARC			1974-1975	RANGING	PV RANGING		
8	5			HAC	STANDARD 908328	D	14-Mar-75	HAC STANDARD	SCD - CONNECTORS, RECPTACLE, ELECTRICAL -- PUSH-PULL LOCK AND BAYONET COUPLING		
8	5			HAC	STANDARD 908663	C	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED, COMPOSITION (INSULATED) 2W		
8	5			HAC	STANDARD 908664	D	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED, COMPOSITION (INSULATED) 1W		
8	5			HAC	STANDARD 908701	E	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICE, DIODE, VOLTAGE REGULATOR (ZENER)		
8	5			HAC	STANDARD 908703	E	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICE, DIODE, SILICON, SWITCHING		
8	5			HAC	STANDARD 908705	F	14-Mar-75	HAC STANDARD	SCD -SEMICONDUCTOR DEVICE, DIODE--SWITCHING		
8	5			HAC	STANDARD 908706	E	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICE, DIODE, VOLTAGE REGULATOR (ZENER0		
8	5			HAC	STANDARD 908708	K	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICE, DIODE, VOLTAGE REGULATOR (ZENER)		
8	5			HAC	STANDARD 908717	L	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICE. DIODE, RECTIFIER, CONTROLLED FORWARD CHARACTERISTIC		
8	5			HAC	STANDARD 908601	L	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED, FILM		
8	5			HAC	STANDARD 908329	C	14-Mar-75	HAC STANDARD	SCD - CONNECTORS, PLUG, ELECTRICAL PUSH-PULL LOCK AND BAYONET COUPLING		
8	5			HAC	STANDARD 908345	A	14-Mar-75	HAC STANDARD	SCD - CONNECTORS, PLUG AND RECEPTACLE, ELECTRICAL		
8	5			HAC	STANDARD 908403	C	14-Mar-75	HAC STANDARD	SCD - COIL, FIXED, RADIO FREQUENCY		
8	5			HAC	STANDARD D908436	C	14-Mar-75	HAC STANDARD	SCD - TRANSFORMERS, POWER		
8	5			HAC	STANDARD 908437	E	14-Mar-75	HAC STANDARD	SCD - TRANSFORMERS, POWER		
8	5			HAC	STANDARD 908438	C	14-Mar-75	HAC STANDARD	SCD - TRANSFORMERS, POWER		
8	5			HAC	STANDARD 9008453	A	14-Mar-76	HAC STANDARD	SCD - SATRIURABLE REACTORS		
8	5			HAC	STANDARD 908454	A	14-Mar-75	HAC STANDARD	SCD - TRANSFORMERS, POWER, STEP-DOWN--LOW POWER		
8	5			HAC	STANDARD 908502	K	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, CERAMIC DIELECTRIC		
8	5			HAC	STANDARD 908503	C	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, CERAMIC DIELECTRIC		
8	5			HAC	STANDARD 908504	F	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, CERAMIC DIELECTRIC		
8	5			HAC	STANDARD 908506	H	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, CERAMIC DIELECTRIC		
8	5			HAC	STANDARD 908513	E	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED GLASS DIELECTRIC		
8	5			HAC	STANDARD 908551	H	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, ELECTROLYTIC, TANTALUM, SOLID ELECTROLYTE		
8	5			HAC	STANDARD 908552	H	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, ELECTROLYTIC, TANTALUM, SOLID ELECTROLYTE		
8	5			HAC	STANDARD 908553	H	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, ELECTRLYTIC, TANTALUM, SOLID ELECTROLYTE		
8	5			HAC	STANDARD 908837	H	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILICON, NPN, POWER, SWITCHING		
8	5			HAC	STANDARD 908825	T	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILICON, NPN, POWER		
8	5			HAC	STANDARD 908826	V	14-Mar-75	HAC STANDARD	SCD - TRANSISTORS--POWER, SILICON, PNP		
8	5			HAC	STANDARD 908829	D	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILICON, NPN, GENERAL PURPOSE		
8	5			HAC	STANDARD 908830	F	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILICON, PNP, CHOPPER		
8	5			HAC	STANDARD 908833	F	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR SET, DUAL NPN, GENERAL PURPOSE, SWITCHING		
8	5			HAC	STANDARD 908835	F	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR SET, DUAL PNP, GENERAL PURPOSE, SWITCHING		
8	5			HAC	STANDARD 908836	R	14-Mar-75	HAC STANDARD	SCD - TRANSISTORS, SILICON, PNP, POWER, SWITCHING		
8	5			HAC	STANDARD 908720	E	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICE, DIODE, TEMPERATURE COEFFICIENT REFERENCE (ZENER)		
8	5			HAC	STANDARD 908721	E	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICE, DIODE, SWITCHING		
8	5			HAC	STANDARD 908723	H	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICE, DIODE, FIELD EFFECT, CURRENT REGULATOR		
8	5			HAC	STANDARD 908736	J	14-Mar-75	HAC STANDARD	SCD - SEMICONDUCTOR DEVICES, DIODE, FAST RECOVERY RECTIFIER		
8	5			HAC	STANDARD 908801	D	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILICON, NPN, HIGH VOLTAGE, GENERAL PURPOSE		
8	5			HAC	STANDARD 908806	N	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR--NPN, HIGH POWER		
8	5			HAC	STANDARD 908810	F	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILICON, PNP, SWITCHING		
8	5			HAC	STANDARD 908812	D	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR SET, PNP, LOW LEVEL, LOW NOISE MATCHED PAIR		
8	5			HAC	STANDARD 908824	R	14-Mar-75	HAC STANDARD	SCD - TRANSISTORS--POWER, PNP, SILICON		
8	5			HAC	STANDARD 908602	K	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED, FILM		
8	5			HAC	STANDARD 908611	E	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED, WIREWOUND, POWER TYPE		
8	5			HAC	STANDARD F908612	O	14-Mar-75	HAC STANDARD	SCD - RESITOR, FIXED, WIREWOUND, POWER TYPE		
8	5			HAC	STANDARD 908614	E	14-Mar-75	HAC STANDARD	SCD - RESISTORS. FIXED, WIREWOUND, POWER		
8	5			HAC	STANDARD 908615	E	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED, WIREWOUND, POWER, CHASSIS MOUNTED		
8	5			HAC	STANDARD 9089622	D	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED, WIREWOUND		
8	5			HAC	STANDARD 908641	J	14-Mar-75	HAC STANDARD	SCD - RESISTOR NETWORK--THICK FILM RESISTORS, CERAMIC SUBSTRATE		
8	5			HAC	STANDARD 908649	A	14-Mar-75	HAC STANDARD	SCD - RESISTORS, FIXED, WIREWOUND--NETWORK, PRECISION		
8	5			HAC	STANDARD 908656		14-Mar-75	HAC STANDARD	SCD - RESISTOR NETWORK--METAL FILM, PRECISION, FIXED		
8	5			HAC	STANDARD 908661	C	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED, COMPOSITION (INSULATED) 1/4 W		
8	5			HAC	STANDARD 908662	C	14-Mar-75	HAC STANDARD	SCD - RESISTOR, FIXED. COMPOSITION (INSULATED) 1/2 W		

8	5			HAC	STANDARD 908964-5	A	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--READ ONLY MEMORY, MASK PROGRAMMING		
8	5			HAC	STANDARD 908964-6	A	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--READ ONLY MEMORY, MASK PROGRAMMING		
8	5			HAC	STANDARD 908966	C	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUITS, LOGIC GATE--DUAL, 2 WIRE AND-OR-INVERT		
8	5			HAC	STANDARD 908967	D	14-Mar-75	HAC STANDARD	SCD - ,ICROCIRCUITS, DIGITAL--HEX INVERTER, TTL		
8	5			HAC	STANDARD 908968	A	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUITS, LOGIC GATE-TTL, QUAD 2-INPUT NAND		
8	5			HAC	STANDARD 908969	C	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUITS, COUNTER--TTL FOUR - BIT BINARY		
8	5			HAC	STANDARD 908970	B	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUITS, DIGITAL, TTL, SHIFT REGISTER, FOUR BIT		
8	5			HAC	STANDARD 908990	C	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUITS, DIGITAL, TTL, QUAD 2 INPUT EXCLUSIVE OR GATE		
8	5			HAC	STANDARD 908993	A	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUITS, ADDER-SUBTRACTOR--DIGITAL, LOW POWER		
8	5			HAC	STANDARD 909900	D	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, LINEAR--MONOLITHIC, DIGITAL TO ANALOG, 10 BIT PLUS SIGN		
8	5			HAC	STANDARD 909907	A	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--DECODER, ONE OF SIXTEEN., TTL, LOW POWER		
8	5			HAC	STANDARD 909914	C	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--READ/WRITE MEMORY, TTL, 64 BIT, LOW POWER		
8	5			HAC	STANDARD 909922	A	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, OPERATIONAL AMPLIFIER--QUAD		
8	5			HAC	STANDARD D909924	A	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--COUNTER, BINARY FOUR BIT UP/DOWN, MSI		
8	5			HAC	STANDARD 909929	A	14-Mar-75	HAC STANDARD	SCD -0 LARGE SCALE INTEGRATED CIRCUITS--1 OF 16 DECODE MATRIX		
8	5			HAC	STANDARD 909931		14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, LINEAR--MULTIPLEXER, DIFFERENTIAL, 4-CHANNEL		
8	5			HAC	STANDARD 988244	N	14-Mar-75	HAC STANDARD	SCD - FUSES, FAST BLOW		
8	5			HAC	STANDARD 988161	B	14-Mar-75	HAC STANDARD	SCD - SLEEVE--GROUNDING		
8	5			HAC	STANDARD 988215	N	14-Mar-75	HAC STANDARD	SCD - RETAINER, ELECTRICAL CONNECTOR		
8	5			HAC	STANDARD 908287	G	14-Mar-75	HAC STANDARD	SCD - CONNECTOR, ELECTRICAL, PLUG AND RECEPTACLE, RACK AND PANEL, SUBMINIATURE		
8	5			HAC	STANDARD 908554	J	14-Mar-75	HAC STANDARD	SCD - CAPICITOR, FIXED, ELECTOLYTIC, TANTALUM, SOLID ELECTROLYTE		
8	5			HAC	STANDARD 908555	H	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, ELECTRLYTIC, TANTALUM, SOLID ELECTROLYTE		
8	5			HAC	STANDARD 908556	H	14-Mar-75	HAC STANDARD	SCD - CAPACITOR, FIXED, ELECTRLYTIC, TANTALUM, SOLID ELECTROLYTE		
8	5			HAC	STANDARD 908600	K	14-Mar-75	HAC STANDARD	SCD - RESISTOR. FIXED, FILM		
8	5			HAC	STANDARD 908839	E	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILCON, NPN, GENERAL PURPOSE		
8	5			HAC	STANDARD 908840	M	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR SETS--MATCHED PAIR, NPN		
8	5			HAC	STANDARD 908841	E	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, FIELD EFFECT, P-CHANNEL		
8	5			HAC	STANDARD 908842	J	14-Mar-75	HAC STANDARD	SCD - TRANSISTORS--FIELD EFFECT, N-CHANNEL		
8	5			HAC	STANDARD 908843	G	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR SET, QUAD NPN, GENERAL PURPOSE, SWITCHING		
8	5			HAC	STANDARD 908844	D	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILICON, NPN, LOW LEVEL, LOW NOISE		
8	5			HAC	STANDARD 908860	D	14-Mar-75	HAC STANDARD	SCD - TRANSISTOR, SILICON, NPN, GENERAL-PURPOSE AMPLIFIER		
8	5			HAC	STANDARD 908869	B	14-Mar-75	HAC STANDARD	SCD - TRANSISTORS--POWER, NPN, SILICON		
8	5			HAC	STANDARD 908870	C	14-Mar-75	HAC STANDARD	SCD - TRANSISTORS--POWER, PNP, SILICON		
8	5			HAC	STANDARD 908901	M	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUIT, DIGITAL, TTL, QUAD 2-INPUT POSITIVE NAND GATE		
8	5			HAC	STANDARD 908902	M	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--QUAD DTL-TO-MOS BUFFER		
8	5			HAC	STANDARD 908905	H	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUIT, DIGITAL, TTL, DUAL 4-INPUT POSITIVE NAND GATE		
8	5			HAC	STANDARD 908906	L	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUIT, DIGITAL, TTL, TRIPLE 3-INPUT POSITIVE NAND GATE		
8	5			HAC	STANDARD 908907	J	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUIT LINEAR, ANALOG GATE, FIVE CHANNEL,(?)		
8	5			HAC	STANDARD 908909	N	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUIT, DIGITAL, TTL, DUAL J-K MASTER SLAVE, FLIPFLOP		
8	5			HAC	STANDARD 908910	N	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUIT, DIGITAL, TTL, R-S MASTER SLAVE, FLIP-FLOP		
8	5			HAC	STANDARD 908929	L	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUIT, DIGITAL, TTL, DUAL J-K MASTER SLAVE, FLIP-FLOP		
8	5			HAC	STANDARD 908947	E	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUITS, OPERATIONAL AMPLIFIER		
8	5			HAC	STANDARD 908951	G	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, LINEAR--VOLTAGE REGULATOR, DC, ANALOG		
8	5			HAC	STANDARD 908961	E	14-Mar-75	HAC STANDARD	SCD - INTEGRATED CIRCUITS, OPERATIONAL AMPLIFIER--LINEAR, HIGH PERFORMANCE		
8	5			HAC	STANDARD 908964	C	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--READ ONLY MEMORY, MASK PROGRAMMABLE		
8	5			HAC	STANDARD 908964-1	B	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--READ-ONLY MEMORY, MASK PROGRAMMING		
8	5			HAC	STANDARD 908964-2	A	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--READ-ONLY MEMORY, MASK PROGRAMMING		
8	5			HAC	STANDARD 908964-3	A	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--READ-ONLY MEMORY, MASK PROGRAMMING		
8	5			HAC	STANDARD 908964-4	A	14-Mar-75	HAC STANDARD	SCD - MICROCIRCUITS, DIGITAL--READ-ONLY MEMORY, MASK PROGRAMMING		
8	5			NASA/ARC	SAS-8-004:244-8		12-Jan-78	ORB-OPERATIONAL CHARACTERISTICS	PV - ARC COMMENTS ON FINAL DRAFT OF PV OPERATIONAL CHARACTERISTICS DOCUMENT - ORBITER VOLUME		
8	5			HAC	HS507-0082-2188		04-Apr-77	ORB MISSION SEQ TEST	ATTACHMENT TO ORB MISSION SEQUENCE TEST PLAN		
8	5			FEI	HS507-1851-24-1		29-May-75	STABLE OSCILLATOR	STABLE OSCILLATOR - PARTIAL - DATA FOR PRELIMINARY DESIGN PKG		
8	5			GE	S-1375-10-0019-A		24-Mar-75	DEPARATION DEVICE	SPEC STATUS SHEET - NUT, EXPLOSIVE, SEPARATION DEVICE 3/8"		
8	5			NASA/ARC/GE	SVS-7-25:244-8		2-3MAR77	STV-2 PRETEST MTG	MINUTES - OF PRETEST MEETING FOR STV-2		
8	5			NASA/ARC			1975-1977	MTLPRB SYS DROP TEST	PV - MULTIPROBE MISSION - SYSTEMS DROP TESTS (HOL. AFB)		
8	5			NASA/ARC			1975-1977	MAGNETIC FIELD TEST	PV - MAGNETIC FIELD TESTS (ARC)		

8	5			NASA/ARC			1975-1979	USAF (ARNOLD)	PV - USAF - (ARNOLD)		
8	5			HAC	STANDARD 908319	F	14-Mar-75	RELAYS	RELAYS, ELECTROMAGNETIC, LATCHING, 2 POLE, DOUBLE THROW, 10 AMP		
8	5			HAC	STANDARD 908320	E	14-Mar-75	RELAYS	RELAYS, ARMATURE--LATCHING, 4 PDT, 10 AMPERES		
8	5			HAC	STANDARD 908311	F	14-Mar-75	RELAYS	RELAYS, ARMATURE, MAGNETIC LATCHING 2 POLE DOUBLE THROW		
8	5			HAC	STANDARD 908305	L	14-Mar-75	RELAYS	RELAYS, ARMATURE--LATCHING, 2PDT		
8	5			HAC	STANDARD 908204	H	14-Mar-75	DIODE SCHOTTKY BARRIER	SEMICONDUCTOR DEVICE, DIODE SCHOTTKY BARRIER		

PIONEER PROJECT
PIONEER F/G
PN 10/11
PIONEER VENUS

FILE #	DRAWER #	ITEM	UFI#	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
9	1								***PIONEER PHOTOS - VIDEOS - FILM - SLIDES***		
								PICS, VIDEOS, FILM, SLIDES			
9	2								***PIONEER PHOTOS - VIDEOS - FILM - SLIDES***		
								PICS, VIDEOS, FILM, SLIDES			
9	3								***PIONEER PHOTOS - VIDEOS - FILM - SLIDES***		
								PICS, VIDEOS, FILM, SLIDES			
9	4								***PIONEER PHOTOS - VIDEOS - FILM - SLIDES***		
								PICS, VIDEOS, FILM, SLIDES			

PIONEER PROJECT

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
10	**1**								***PIONEER F/G (10/11) ASSORTED DATA***		
10	1			NASA/ARC				FILE GUIDES PN F/G	PN F/G (10/11) - FILE GUIDES		
10	1			NASA/ARC				RFP PN F/G	PN F/G (10/11) - RFP - DOC. TO/FM CONTRACTOR		
10	1			NASA/ARC				MODELS & DWGS PN F/G	PN F/G (10/11) MODELS AND DRAWINGS		
10	1			TRW	70.7231.9-61		28-Aug-70	ATTITUDE CONTROL SYS PN F/G	PN F/G (10/11) - HYBRID SIMULATION OF ATTITUDE CONTROL SYSTEM		
10	1			NASA/ARC			1970-1973	MEMOS PN F/G	PN F/G (10/11) - MEMOS		
10	1			NASA/ARC			1970	SPACE FLT OPS TASKS PN F/G	PN F/G (10/11) - SPACE FLIGHT OPERATIONS TASKS		
10	1			NASA/ARC			01-Mar-72	DOCUMENTATION LIST PN F/G	PN F/G (10/11) - DOCUMENTATION LIST (UNOFFICIAL LIST)		
10	1			JPL	JPL420			TRACKING PN F/G	PN F/G (10/11) - TRACKING AND DATA ACQUISITION		
10	1			GE/SSL			Nov-73	ASTEROID/METEOROID DETECTOR	FINAL REPORT - ASTEROID/METEROID DETECTOR		
10	1			GE/AMD			1973	SISYPHUS	SISYPHUS ASTEROID/METEROID		
10	1			TRW			01-Jul-70	CONSCAN CONTROL SYS	PN F/G (109/11) - HYBRID SIMULATION OF THE CONSCAN CONTROL SYSTEM		
10	1			NASA/ARC			1969-1970	GENL CORR. P,PC,PR PN F/G	PN F/G (10/11) - GENERAL CORRESPONDENCE - P , PC, PR		
10	1			TRW	PFG.261-476		08-Mar-71	S/C SYS PN F/G	PN F/G (10/11) - EMC TEST REPORT ENGINEERING MODEL SPACECRAFT SYSTEM		
10	1			SSC/USC	NAS2-6658		1971-1981	UV EXPERIMENT PN F/G	PN F/G (10/11) - FINAL REPORT - DATA ANALYSIS OF THE ULTRAVIOLET EXPERIEMNT - VOL I	DL JUDGE	
10	1			SSC/USC			1971-1981	UV EXPERIMENT PN F/G	PN F/G (10/11) - FINAL REPORT - DATA ANALYSIS OF THE ULTRAVIOLET EXPERIEMNT - VOL II	DL JUDGE	
10	1			USC/PHYSICS			01-Jun-74	UV PHOTOMETER PN F/G	PN F/G !10/11) - ULTRAVIOLET PHOTOMETER	DL JUDGE	
10	1			CASS/UCSD			Jan-82	TRD EXPERIMENT PN F/G	PN 10/11 - FINAL REPORT - TRAPPED RADIATION EXPERIMENT		
10	1			NASA/ARC				WOBBLE DAMPER PN F/G	PN F/G (10/11) - WOBBLE DAMPER		
10	1			NASA/ARC			01-Sep-71	DSN BRIEFING PN F/G	PN F/G (10/11) - A BRIEFING TO DSN		
10	1						13-May-70	CONTROL ELECT ASSY TEST SET PN F/G	PN F/G (10/11) - SUPPLEMENT TO CONTROL ELECTRONICS ASSEMBLY UNIT TEST SET		
10	1			JPL	DOW-1389-DTL		05-Nov-70	DSN PN F/G	PN F/G (10/11) - DSN CAPABILITIES & CHARACTERISTICS		
10	1							GRAVITY & OCCULATION PN F/G	PN F/G (10/11) - GRAVITY & OCCULATION		
10	1			NASA/ARC				RE-JUSTIFICATION PIONEER	PIONEER RE-JUSIF.		
10	1			ALLEN			08-Apr-70	PROPELLANT VALVE PN F/G	PN F/G 10/11 - DESIGN REVIEW PKG - 14010-01 & -02 PROPELLANT VALVE		
10	1			TRW	PFG.271.152		29-Jun-70	SOLAR PRESSURE PN F/G	PN F/G 10/11) - SOLAR PRESSURE		
10	1			NASA/ARC			04-Nov-69	COORDINATION MTG PN F/G	PN F/G (10/11) - EXCERPTS FROM...COORDINATION MEETING		
10	1			NASA/ARC			31-Jul-73	POP 73-2 PN F/G	PN F/G PROJECT POPs 73-2		
10	**2**								***PN F/G - 10/11 SPECIFICATIONS***		
10	2			NASA/ARC	P-200			EXPERIMENTER PLANNING PN F/G	EXPERIMENTER PLANNING DOCUMENT FOR PROPOSED PN F/G		
10	2			NASA/ARC	P-201			P/N F/G PROJ TECH PLAN	PN F/G PROJECT TECHNICAL PLAN		
10	2			NASA/ARC	P-203			HEALTH PHYSICS OPS PN F/G	HEALTH PHYSICS OPERATIONS AT NASA/ARC WITH THE PN F/G RADIOISOTOPE THERMOELECTRIC GENERATORS		
10	2			NASA/ARC	PC-200			PN F/G PROJ PLAN	PN F/G PROJECT PLAN		
10	2			NASA/ARC	PC-202			S/C OPERATIONAL CHARACTERISTICS	SPACECRAFT OPERATIONAL CHARACTERISTICS		
10	2			NASA/ARC	PC-203			GROUND DATA SYS	PN GROUND DATA SYSTEM DESCRIPTION		
10	2			NASA/ARC	PC-204			PLANETARY QUARENTINE [LAN	PN F/G PLANETARY QUARENTINE PLAN		
10	2			NASA/ARC	PC-205			S/C HANDLING PLAN	PN F SPACECRAFT HANDLING PLAN		
10	2			NASA/ARC	PC-210			S/C & RELATED REQTS	PN F/G PROJECT, SPACECRAFT & RELATED REQUIREMENTS		
10	2			NASA/ARC	PC-211			GROUND SUPPORT EQUIP	PN F/G PROJECT, GROUND SUPPORT EQUIPMEENT REQUIREMENTS		
10	2			NASA/ARC	PC-212			DATA HANDLING REQTS	S/C SIMULATOR & ASSOCIATED DATA HANDLING REQUIREMENTS		
10	2			NASA/ARC	PC-213			SCI INSTRUMENTS REQTS	PN F/G PROJECT, SCIENTIFIC INSTRUMENTS & RELATED REQUIREMENTS		
10	2			NASA/ARC	PC-215			RTG REQTS	PN F/G PROJECT, RTG & RELATED REQUIREMENTS		
10	2			NASA/ARC	PC-218			INSTRUMENT PERFORMANCE	IPP INSTRUMENT PERFORMANCE AND RELATED REQUIREMENTS		
10	2			NASA/ARC	PC-219			IR INSTRUMENT REQTS	PN F/G PROJECT, IR INSTRUMENT PERFORMANCE & RELATED REUIREMENTS		

10	2			NASA/ARC	PC-220			S/C /SCI INSTRUMENTS INTERFACE	PN F/G PROJECT, SPACECRAFT / SCIENTIFIC INSTRUMENT INTERFACE SPECIFICATIONS		
10	**3**								***PN F/G - 10/11 SPECIFICATIONS***		
10	3			NASA/ARC	PC-221			S/C/LAUNCH VEHICLE INTERFACE	PN F SPACECRAFT / LAUNCH VEHICLE INTERFACE SPECIFICATIONS		
10	3			NASA/ARC	PC-222			S/C/DSIF INTERFACE	PN F/G PROJECT, SPACECRAFT / DSIF INTERFACE SPECIFICATION		
10	3			NASA/ARC	PC-223			S/CRTG INTERFACE	PN F/G PROJECT, SPACECRAFT / RTG INTERFACE SPECIFICATION		
10	3			NASA/ARC	PC-230			MISSIONS OPS PLAN PN F	PN F: MISSION OPERATIONS PLAN		
10	3			NASA/ARC	PC-232			FLT OPS PLAN PN F	PN F: FLIGHT OPERATIONS PLAN		
10	3			NASA/ARC	PC-233			MANEUVERS PN F	PN F MIDCOURSE MANEUVERS OPERATION PLAN		
10	3			NASA/ARC	PC-234			ENCOUNTER OPS PLAN PN 10	PN 10 ENCOUNTER OPERATIONS PLAN		
10	3			NASA/ARC	PC-250			FLT OPS-STANADRAD PRACTICES	STANDARD PRACTICES FOR FLIGHT OPERATIONS		
10	3			NAS/ARC	PC-251			MANEUVERS TASK SEQ PN F	PN F DETAILED TASK SEQUENCE FOR ACTIVITIES THROUGH MID-COURSE MANEUVERS		
10	3			NASA/ARC	PC-260			EGSE SCI INSTRUMENTS PN F	PN F/G PROJECT, EGSE COMPUTER PROGRAMMING SPECIFICATIONS FOR SCIENTIFIC INSTRUMENTS		
10	3			NASA/ARC	PC-261			ON-LINE GRND SYS SOFTWARE	ON-LINE GROUND SYSTEM SOFTWARE SPECIFICATION		
10	3			NASA/ARC	PC-262			OFF-LINE DATA PROC	PN F/G OFF-LINE DATA PROCESSING SYSTEM DESCRIPTION		
10	3			NASA/ARC	PC-263			COMPUTER PROGRAM REQTS	PN F COMPUTER PROGRAM FOR MIDCOURSE MANEUVER - FUNCTIONAL REQUIREMENTS		
10	3			NASA/ARC	PC-264			SOFTWARE /SCI INSTRUMENT	PN F: SPACECRAFT SIMULATOR SOFTWARE SPECIFICATIONS FOR SCIENTIFIC INSTRUMENTS		
10	3			NASA/ARC	PC-265			SIMULATION SYS SPEC	PN F/G PROJECT, SIMULATION SYSTEM SPECIFICATION, GENERAL REQUIREMENTS		
10	3			NASA/ARC	PC-271			S/C SCI INSTRUMENT SYS TEST	PN F/G PROJECT, REQUIREMENTS FOR SPACECRAFT / SCIENTIFIC INSTRUMENT SYSTEMS TEST		
10	3			NASA/ARC	PC - 272			KSC REQTS	PN F REQUIREMENTS FOR ACTIVITIES AT KENNEDY AIR FORCE STATION & KENNEDY SPACE CENTER		
10	3			NASA/ARC	PC-273			S/C -DSIF TELECOMMUNICATION	PN F/G SPACECRAFT / DSIF TELECOMMUNICATIONS COMPATIBILITY TEST PLAN		
10	3			NASA/ARC	PC-275			ETG/RTG PERFORMANCE	PN F/G PROJECT, REQUIREMENTS FOR ETG & RTG PERFORMANCE TESTS		
10	3			NASA/ARC	PC-276			S/C/LAUNCH VEHICLE REQTS	REQUIREMENTS FOR PN F SPACECRAFT / LAUNCH VEHICLE		
10	3			NASA/ARC	PC-280			SCI INSTRUMENT TESTS	PN F/G PROCEDURES FOR TESTS OF SCIENCE INSTRUMENTS AT NASA/ARC		
10	**4**								***PN F/G - 10/11 SPECIFICATIONS***		
10	4			NASA/ARC	PC-291			TARGETING	PN F TARGETING CRITERIA		
10	4			NASA/ARC	PC-292			TRAJECTORY	PN F TRAJECTORY CHARACTERISTICS		
10	4			NASA/ARC	PC-292A			TRAJECTORY	PN F TRAJECTORY CHARACTERISTICS		
10	4			NASA/ARC	PC-294			EQUIP & TRAJECTORY	PN F: RF EQUIPMENT & TRAJECTORY INFORMATION		
10	4			NAS/ARC	PC-296			PLANETARY CONTAMINATION	PN F PRE-LAUNCH ANALYSIS OF PROBABILITY OF PLANETARY CONTAMINATION		
10	4			NASA/ARC	PC-297			NUCLEAR HAZARDS	PN F: METHODS TO AVERT NUCLEAR HAZARDS ASSOCIATED WITH CERTAIN LAUNCH-VEHICLE ABORTS		
10	4			NASA/ARC	PC-298			TRTG WATER RECOVERY	RTG WATER RECOVERY PLAN		
10	4			NASA/ARC	PC-305			S/C HANDLING PLAN	PN G SPACECRAFT HANDLING PLAN		
10	4			NASA/ARC	PC-321			S/C-LAUNCH VEHICLE INTERFACE	PN G SPACECRAFT/LAUNCH VEHICLE INTERFACE SPECIFICATION		
10	4			NASA/ARC	PC-332			FLT OPS PLAN	PN G FLIGHT OPERATIONS PLAN		
10	4			NASA/ARC	PC-333			MID-COURSE MANEUVERS	PN G MID-COURSE MANEUVERS - OPERATIONS PLAN		
10	4			NASA/ARC	PC-334			ENCOUNTER OPS	PN 11 ENCOUNTER OPERATION PLAN		
10	4			NASA/ARC	PC-391			TARGETING	PN G TARGETING REPORTS		
10	4			NASA/ARC	PC-392			RF EQUIP-TRAJECTORY	PN G TRAJECTORY CHARACTERISTICS - RF EQUIPMENT		
10	4			NASA/ARC	PC-393			LAUNCH CONSTRAINTS	PN G LAUNCH CONSTRAINTS		
10	4			NASA/ARC	PC-394			RF EQUIP & TRAJECTORY	PN G RF EQUIPMENT & TRAJECTORY INFORMATION		
10	4			NASA/ARC	PC-396			PLANETARY CONTAMINATION	PN G PRE-LAUNCH ANALYSIS OF PROBABILITY OF PLANETARY CONTAMINATION		
10	4			NASA/ARC	PC-398			PLANETARY CONTAMINATION	PN 11 PRE-MANEUVER ANALYSIS OF PROBABALITY OF PLANETARY CONTAMINATION		
10	4			NASA/ARC	PC-399			CONTAMINATION SATURN/ TITAN	PIONEER JUPITER/SATURN MANEUVER ANALYSIS OF PROBABILITY OF CONTAMINATION TO SATURN & TITAN		
10	4			NASA/ARC	PR-200			SCI INSTRUMENTS	PARTS, MATERIALS SELECTION AND APPROVAL SCIENTIFIC INSTRUMENTS		
10	4			NASA/ARC	PR-240			SCI INSTRUMENTS	PERFORMANCE ASSURANCE GUIDELINES / SCIENTIFIC INSTRUMENTS		
10	4			NASA/ARC	PS-220			SCI INSTRUMENTS	MAGNETICS, DESIGN STANDARDS, SCIENTIFIC INSTRUMENTS		
10	4			NASA/ARC	PT-200A			TRAJECTORY	PRELIMINARY NEAR-EARTH TRAJECTORY CHARACTERISTICS FOR PN F/G MISSIONS		

10	4			NASA/ARC	PT-201			MISSION ANALYSIS	PRELIMINARY MISSION ANALYSIS AND TRADE-OFF STUDIES FOR PN F MISSION		
10	4			NASA/ARC	PT-203			MISSION ANALYSIS	PN F MISSION ANALYSIS AND TRADE OFF STUDIES THROUGH 1MAY70		
10	4			NASA/ARC	PT-204			ASTEROID ANALYSIS	PN F ASTEROID ANALYSIS		
10	4			NASA/ARC	PT-206			TRAJECTORY	PN 10 TRAJECTORY CHARACTERISTICS		
10	4			NASA/ARC	PT-302			LAUNCH VEHICLE	PN G LAUNCH VEHICLE & POWERED FLIGHT CHARACATERISTICS		
10	4			NASA/ARC	PT-303			MISSION ANALYSIS	PN G MISSION ANALYSIS & TRADE-OFF STUDIES THROUGH 1MAY71		
10	4			NASA/ARC	PT-306			TRAJECTRORY	PN 11 TRAJECTORY CHARACTERISTICS THROUGH 4DEC73		
10	4			NASA/ARC	PT-307			TRAJECTORY	PN 11 TRAJECTORY CHARACTERISTICS 4DEC73 - 15JUL79		

PIONEER PROJECT
PIONEER F/G - 10/11

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
11	**1**								***SPACECRAFT ATTITUDES, SCIENCE INSTRUMENTS & MISC***		
11	1			NASA/ARC			1974-1975	TECH PAPERS	PN 10/11 - TECHNICAL PAPERS & SCIENTIFIC RESULTS - VARIOUS		
11	1			NASA/ARC			1972-1973	PRE-LAUNCH DATA PN G	PN G - PRE-LAUNCH DATA & INFORMATION		
11	1			NASA/ARC	NAS2-5600		28-Jan-72	CONTRACT STATUS	CONTRACT STATUS AS OF 28JAN72		
11	1			NASA/ARC				SCI INSTRUMENTS OPS MANUAL	PN 11 - SCIENTIFIC INSTRUMENT OPERATIONS MANUAL		
11	1			NASA/ARC			21-Jun-71	PN JUPITER FINAL AGENDA	FINAL AGENDA - PIONEER JUPITER BRIEFING - SAG MTG		
11	1			NASA/ARC			1974-1975	SC INSTRUMENTS	PN 10/11 - SCIENCE INSTRUMENT PERFORMANCE DATA		
11	1			NASA/ARC				PN 10 FLT LOG/TEMP GRAPHS	PN 10 - FLIGHT LOG / TEMP GRAPHS		
11	1			NASA/ARC			1971-1972	CONSCAN SYS	PN G - TELEMETRY CALIBRATION - CONSCAN SYS		
11	1			NASA/ARC			1981	HGA ELEVATION SYS	HIGH GAIN ANTENNA ELEVATION SYSTEM - ATTITUDE SYS & INPUT UTILITIES		
11	1			NASA/ARC			1964-1976	HAC ATTITUDE CONTROL	HAC ATTITUDE CONTROL PATENT		
11	1			BFEC	BFEC/ARC-060		Feb-73	TELEMETRY	PN G - TELEMETRY CALIBRATION		
11	1			NASA/ARC			4NOV73-3JAN74	ATTITUDES S/C	PN 10/11 - SPACECRAFT ATTITUDES - PRINTOUT		
11	1			NASA/ARC			1973	ATTITUDES S/C	PN 11 - SPACECRAFT ATTITUDES DATA - LAUNCH		
11	1			NASA/ARC			1973-1974	ATTITUDES S/C	PN 10 -SPACECRAFT ATTITUDE DATA - LAUNCH		
11	1			NASA/ARC			1972	ATTITUDES S/C	PN 10 - SPACECRAFT ATTITIUDE- COMPUTER PROGRAM DESCRIPTION		
11	1			NASA/ARC			1975	ATTITUDES S/C	PN 10/11 - SPACECRAFT ATTITUDES		
11	**2**								***PROGRAM REVIEWS - QUARTERLY REVIEWS***		
11	2			TRW	PFG.100.151		05-Jul-73	FLIGHTS F/G FINAL REPORT	PN PROJECT - FLIGHTS F & G - FINAL REPORT		
11	2			TRW	PFG.290.450		30-Sep-71	S/C HANDLING	PIONEER SPACECRAFT HANDLING PLAN CKAFS		
11	2			TRW	PFG.290.643		05-Feb-73	LAUNCH OPS PN G	PN G - LAUNCH OPERATIONS MANUAL		
11	2			TRW			23-Apr-71	S/C OPS CHARACTERISTICS	PN F/G (10/11) - S/C OPERATIONAL CHARACTERISTICS STUDY - FINAL REPORT		
11	2			TRW	PFG.290.422		22-Oct-71	LAUNCH OPS PN F	PN F - LAUNCH OPERATIONS MANUAL		
11	2			NASA/ARC			1970-1976	QUARTERLY REPORTS PN F/G	PN F/G (10/11) - QUARTERLY REPORTS - CORRESPONDENCE		
11	2			NASA/ARC			1970-1971	QUARTERLY REVIEWS PN F/G	PN F/G (10/11) - QUARTERLY REVIEWS & EXPERIMENT COORDINATION MEETINGS		
11	2			NASA/ARC			1969-1970	QUARTERLY REVIEW MTG PN	PN QUARTERLY REVIEW MEETINGS AND MISC MEETINGS		
11	2			NASA/ARC			1972-1973	QUARTERLY REVIEW MTG PN	PN 10/11 - QUARTERLY REVIEW MEETINGS		
11	2			NASA/ARC			1971-1972	QUARTERLY REVIEW MTG PN	PN F/G (10/11) - QUARTERLY REVIEWS AND MISC MEETINGS		
11	2			NASA/ARC			1974	JGR	PN 10 - JGR PREPRINTS		
11	**3**								***ENCOUNTERS - PN F/G - 10/11***		
11	3			NASA/ARC			1973-1974	ENCOUNTER PN 11	PN 11 - ENCOUNTER PERIOD DURING MISSION, LAUNCH EVENTS		
11	3			NASA/ARC			1973	ENCOUNTER PN 10	PN 10 - JUPITER ENCOUNTER TIMELINE		
11	3			NASA/ARC			1973	ENCOUNTER PN 10	PN 10 - ENCOUNTER - DSN - COMMAND SYSTEM PERFORMANCE		
11	3			BFEC			Mar-76	TRAJECTORY	PN 10 & PN SATURN - TRAJECTORY PROGRRAM TRJP1 & TRJP2 - USERS MANUAL & PROGRAM DOCUMENT		
11	3			NASA/ARC			NOV-DEC74	ENCOUNTER PN 11	PN 11 - JUPITER ENCOUNTERS STATUS MEETINGS		
11	3			NASA/ARC			1973	ENCOUNTER PN 10	PN 10 - ENCOUNTER TRAINING		
11	3			NASA/ARC				ENCOUNTER PN 10	PN 10 - JUPITER ENCOUNTER - COMMAND FILES C33543AP -> C365		
11	3			NASA/ARC			1971-1974	ENCOUNTER PN 11	PN 11 - ENCOUNTER PLANNING REFERENCES		
11	3			NASA/ARC				ENCOUNTER PN 10	PN 10 - JUPITER ENCOUNTER - COMMAND FILES - C30963AD -> COO3 XX AP		
11	3			NASA/ARC			1973	ENCOUNTER PN 10	PN 10 - JUPITER ENCOUNTER QUESTIONAIRE & RESPONSES		
11	3			NASA/ARC			1973	ENCOUNTER PN 10	JUPITER ENCOUNTER BRIEFING NOTES		
11	3			NASA/ARC			1964-1967	JUPITER PROBE	JUPITER PROBE - HISTORICAL		
11	3			NASA/ARC			MAY-JUN73	ENCOUNTER PN 10	PN 10 - ENCOUNTER		
11	3			NASA/ARC			DEC73&74	ENCOUNTER PN 10/11 - PICS	PN 10/11 - JUPITER ENCOUNTER - PICS OF CONFERENCES -		
11	**4**								***ENCOUNTERS - EXPERIMENTS & EXPERIMENTERS***		
11	4			NASA/ARC			19-Nov-69	EXPERIMENTS PN F/G	PN F/G (10/11) - EXPERIMENTS NOMENCLATURE		
11	4			NASA/ARC			18NOV-17DEC74	ENCOUNTER PN F/G	PN F/G (10/11) - JUPITER ENCOUNTER COMMAND FILES - VOL I		
11	4			NASA/ARC			1973	ENCOUNTER PN 10	PN 10 - JUPITER ENCOUNTER - DEPT/ MEMOS. -VOL 2		
11	4			NAS/ARC			1973	ENCOUNTER PN 10	PN 10 - ENCOUNTER CMD FILES		
11	4			NASA/ARC				ENCOUNTER PN 11	PN 11 - VU-GRAPHS OF OSS REVIEW (PPO-330 & ENCOUNTER READINESS REVIEW (PPO-32)		
11	4			NASA/ARC			1973	ENCOUNTER PN 10	PN 10 - JUPITER ENCOUNTER NEWS CONFERENCES		
11	4			NASA/ARC			1970	EXPERIMENTER PN F/G	PN F/G (10/11) - EXPERIMENTER QUESTIONAIRE, RESPONSES & MISC REQUIREMENT INFO		
11	4			NASA/ARC			6-7JAN72	IMAGING & PHOTOPOLARIMETER	PN F/G (10/11) - ASTEROID /JUPITER MISSIONS - IMAGING AND PHOTO-POLARIMETER EXPERIMENT - DESIGN REVIEW 5, TASK 3.4		
11	4			NASA/ARC			1970	EXPERIMENT DESCRIPTIONS	PN F/G (10/11) - EXPERIMENT DESCRIPTIONS (BRIEF) & MISSION		

11	4			NASA/ARC			May-81	IMAGING & PHOTOPOLARIMETER	PN F/G (10/11) - FINAL REPORT (NOV 1 TO 31 JAN81) IMAGING PHOTOPOLARIMETER EXPERIEMNT, IN MODES 3&4		
11	4			TRW			03-Feb-69	EXPERIMENT REVIEW	PN F/G (10/11) - EXPERIEMNT REVIEW		
11	4			NASA/ARC			26-Aug-68	EXPERIMENT MEETING	PN F/G (10/11) - EXPERIMENTER MEETING		
11	4			NASA/ARC			1969-1970	EXPERIMENTERS	EXPERIMENTERS COORDINATION MEETINGD		
11	4							MAGNETOSPHERE PUBLICATIONS	PN 10/11 - PUBLICATIONS ON MAGNETOSPHERE, SOLAR WINDS AND MAGNETIC FIELDS - SMITH, EJ - DAVIS, L,JR - JONES, DE AND OTHERS		
11	4							UV PHOTOMETER	PN 10/11 - PUBLICATIONS ON ULTRAVIOLET PHOTOMETER EXPERIMENTS JUDGE, DL AND OTHERS		
11	4							EXPERIMENTS/EXPERIMENTERS	MISC ARTICLES AND CORRESPONDENCE		

PIONEER PROJECT											
FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
12	1								***EXPERIMENTS/EXPERIMENTERS/INSTRUMENTS***		
12	1			SBRC	3.4.1		27-Nov-68	RADIOMETER	PN F/G - TECH PROPOSAL - MEASURE NET THERMAL ENERGY FLUX & DETAILED THERMAL STRUCTURE OF JUPITER ATMOSPHERE		
12	1			SBRC		1	26-May-69	RADIOMETER	PN F/G - MGMT PROPOSAL - MEASURE NET THERMAL ENERGY FLUX & DETAILED THERMAL STRUCTURE OF JUPITER ATMOSPHERE		
12	1			SBRC			29-Sep-67	RADIOMETER	MARINER MARS '69 - INFRARED RADIOMETER- MONTHLY PROGRESS REPORT #9 15AUG-15SEP67		
12	1			SBRC	3.4.1		27-Nov-68	RADIOMETER	PN F/G - MGMT PROPOSAL - MEASURE THE NET THERMAL ENERGY FLUX AND DETAILED THERMAL STRUCTURE OF JUPITER ATMOSPHERE		
12	1			SBRC	NAS2-5607		14-Jan-70	RADIOMETER	PN F/G - INSTRUMENT DEV PLAN - FOR JUPITER PIONEER F/G		
12	1			SBRC		1	26-May-69	RADIOMETER	PN F/G - TECH PROPOSAL - MEASURE NET THERMAL ENERGY FLUX & DETAILED THERMAL STRUCTURE OF JUPITER ATMOSPHERE		
12	1						1968-1969	RADIOMETER	MISC - CORRESPONDENCE		
12	1			ATC/USC	69-234		23-May-69	PHOTOMETER	PN F/G - TECH & MGMT - PROPOSAL FOR EXTREME UV FILTER (XUV) EXPERIMENT		
12	1			ATC/USC	69-234		23-May-69	PHOTOMETER	PN F/G - BUS MGMT & COST - PROPOSAL FOR EXTREME UV FILTER (XUV) EXPERIMENT		
12	1			ATC/USC	69-234		03-Jul-69	PHOTOMETER	PN F/G - SUPPLEMENT - PROPOSAL FOR EXTREME UV FILTER (XUV) EXPERIMENT		
12	1			USC/PHYSICS			29-Nov-68	PHOTOMETER	PN F/G - PHOTOMETRIC MEASUREMENTS PROPOSAL (XUV) - JUDGE/CARLSON		
12	1			ATC/USC	NAS2-5608		31-Dec-69	PHOTOMETER	PN F/G - PRELIM DESIGN REVIEW DATA PKG - USC/XUV FILTER PHOTOMETER INSTRUMENT		
12	1			GEMSD/SSL	GE N-11031		Nov-68	SOBERMAN	PN F/G - MGMT PROPOSAL - METEOROID/ASTEROID ASTRONOMY - VOL II		
12	1			GEMSD/SSL	GE N-11031		Nov-68	SOBERMAN	PN F/G - TECH PROPOSAL - METEOROID/ASTEROID ASTRONOMY VOL I		
12	1			GEMSD/SSL	GE N-11031(REV)		Jul-69	SOBERMAN	PN F/G - MGMT PROPOSAL - METEOROID/ASTEROID ASTRONOMY - VOL II		
12	1			GEMSD/SSL	GE N-11031(REV)		Jul-69	SOBERMAN	PN F/G - TECH PROPOSAL - METEOROID/ASTEROID ASTRONOMY VOL I		
12	1				N-11263		18-Jan-71	SOBERMAN	PN F/G - COMBINED ZODIACAL MEASUREMENT FOR GRAND TOUR MISSIONS TO OUTER SOLAR SYSTEM		
12	1						1968-1971	SOBERMAN	PN F/G - MISC		
12	1						29-Mar-71	SOBERMAN	PN F/G - ASTEROID DETECTION FROM PN F/G		
12	1			GESD/SSL	NAS2-6559		Jun-76	SOBERMAN	PN F/G - DATA ANALYSIS ASTEROID/METEOROID ASTRONOMY EXPERIMENT - FINAL REPORT		
12	1			MMCDD	P75-48133-1		Feb-75	RADIOMETER	PV - TECHNICAL PROPOSAL - INFRARED RADIOMETER (ARC/LIR)		
12	1			GESD/SSL			1NOV-30NOV74	SOBERMAN	PN F/G - DATA ANALYSIS - ASTEROID/METEOROID ASTRONOMY EXPERIMENT		
12	1			GSFC			04-Sep-73	SISYPHUS CRITIQUE	PN 10 - ASTEROID/METEOROID RESULTS SISYPHUS CRITIQUE AUER/NORTHRUP		
12	1			U/AZ	OSC-79-040		31-Jan-79	PHOTOPOLARIMETER	PN 11 - PROPOSAL - IMAGING PHOTOPOLARIMETER EXPERIMENT PN 11 S/C MODES 3 & 4, SATURN MISSION		
12	1			U/AZ			30-Aug-76	PHOTOPOLARIMETER	PN 11 - IMAGING EXPERIMENT OF JUPITER SWINDELL/FOUNTAIN		
12	1			U/AZ	NAS2-7476		10-Jan-74	IMAGE CONVERTER	PN 10 - PIONEER IMAGE CONVERTER SYSTEM - FINAL REPORT		
12	1			GSFC			Mar-73	PLANET ATMOSPHERES	POLARIZATION STUDIES OF PLANETARY ATMOSPHERES COFFEN/HANSEN		
12	1			U/AZ	74019		17-Jul-74	JUPITER ATMOSPHERE	THE CONVECTIVELY UNSTABLE ATMOSPHERE OF JUPITER		
12	1			U/AZ	NAS2-6265		15-Jun-74	PHOTOPOLARIMETER	PN 10 - IMAGING PHOTOPOLARIMETER EXPERIMENT MODES 3 & 4 GEHRELS		
12	1						1973	PHOTOPOLARIMETER	IMAGING PHOTOPOLARIMETER - MISC		
12	1			JPL				CELESTIAL MECHANICS	PN F/G - TECHNICAL PROPOSAL - CELESTIAL MECHANICS EXPERIMENT ANDERSON		
12	1			JPL			17-Jan-69	S-BAND OCCULATION	PN F/G - PROPOSAL S-BAND OCCULATION EXPERIMENT		
12	1			NASA/LRC			02-Dec-68	ASTEROID BELT	PN F/G - TECHNICAL & MGMT PROPOSALS FOR ASTEROID BELT METEOROID EXPERIMENT KINNARD		
12	1			SBRC / DUDLEY			27-Nov-68	POLAR-PHOTO-IMAG	PN F/G - TECH PROPOSAL - POLARIMETRY, PHOTOMETREY AND IMAGING EXPERIMENT ASTEROID - JUPITER MISSIONS		
12	1			SBRC / DUDLEY		1	29-May-69	POLAR-PHOTO-IMAG	PN F/G - TECH PROPOSAL - POLARIMETRY, PHOTOMETREY AND IMAGING EXPERIMENT ASTEROID - JUPITER MISSIONS		
12	1			SBRC / DUDLEY			27-Nov-68	POLAR-PHOTO-IMAG	PN F/G - MGMT PROPOSAL - POLARIMETETRY, PHOTOMETERY AND IMAGING EXPERIMENT ASTEROID - JUPITER MISSIONS		
12	1			SBRC / DUDLEY		1	29-May-69	POLAR-PHOTO-IMAG	PN F/G - MGMT PROPOSAL - POLARIMETETRY, PHOTOMETERY AND IMAGING EXPERIMENT ASTEROID - JUPITER MISSIONS		
12	1			SBRC/DUDLEY			27-Nov-68	POLAR-PHOTO-IMAG	PN F/G - APPENDICES - POLARIMETER, PHOTOMETRY AND IMAGING EXPERIEMENT		
12	1			U/AZ			12-Dec-72	PHOTOPOLARIMETER	PN F/G (10/11) PROPOSAL FOR ACQUISITION, DISPLAY AND ANALYSIS OF SCIENTIFIC DATA MODES 3& 4 IMAGING POLARIMETER EXPERIMENT		
12	1			SBRC			01-Oct-71	PHOTOPOLARIMETER	PN F/G IMAGING PHOTOPOLARIMETER INSTRUMENT - DETAILED INSTRUMENT DESCRIPTION		

12	1			SBRC			10-Aug-73	PHOTOPOLARIMETER	PN F/G IMAGING PHOTOPOLARIMETER INSTRUMENT - FINAL TECHNICAL REPORT		
12	**2**								***EXPERIMENTS/EXPERIMENTERS/INSTRUMENTS***		
12	2			U/AZ	NAS2-6265		20-Sep-71	PHOTOPOLARIMETER	PN F/G - IMAGING PHOTOPOLARIMETER TASK 3.9 SCI DATA COMMAND AND CONTROL PLANNING, MODE 3 INTERPLANETART PHASE		
12	2			DUDLEY	NAG-676		1JUN-31OCT68	NIGHTGLOW	A PHOTOELECTRIC STUDY OF THE NIGHTGLOW - FINAL REPORT WEINBERG		
12	2			SBRC/DUDLEY				POLAR-PHOTO-IMAG	PN F/G - TECH PROPOSAL, SUPPLEMENTAL - POLARIMETRY, PHOTOMETREY AND IMAGING EXPERIMENT ASTEROID - JUPITER MISSIONS		
12	2			U/TX-DALLAS	NAS2-8802		12MAY-31AUG78	NMS	PV - LARGE PROBE NMS - FINAL REPORT HOFFMAN		
12	2			USC/PHYSICS			08-Aug-75	ROCKET INSTRUMENT	ROCKET INSTRUMENT FOR MEASUREMENT OF THE SOLAR LINEWIDTH EXPERIMENT MALOY, CARLSON,HARTMANN, JUDGE		
12	2			U/IA			Aug-74	GEIGER TUBE TELESCOPE	PN F/G - FINAL TECH REPORT - GEIGER TUBE TELESCOPE EXPERIMENT		
12	2			U/IA			May-70	GEIGER TUBE TELESCOPE	PN F/G - GEIGER TUBE TELESCOPE EXPERIMENT		
12	2			U/IA			Sep-69	GEIGER TUBE TELESCOPE	PN F/G - INSTRUMENT DEVELOPMENT PLAN		
12	2			U/IA	NAS2-5603		13-Mar-72	GTT/SSD	PN G - SCIENTIFIC OBJECTIVES, DESIGN & QUALIFICATION TESTING OF GTT/SSD		
12	2			U/IA	NAS2-5603		Oct-69	GEIGER TUBE TELESCOPE	PN F/G - PERFORMANCE ASSURANCE PLAN GEIGER TUBE TELESCOPE EXPERIMENT		
12	2			U/IA			26-Nov-68	CHARGED PARTICLE EXP	PN F/G - SCIENTIFIC & TECH PROPOSAL ENERGETIC CHARGED PARTICLE EXP FOR ASTEROID/JUPITER MISSIONS		
12	2			U/IA			26-Nov-68	CHARGED PARTICLE EXP	PN F/G - MANAGEMENT PROPOSAL ENERGETIC CHARGED PARTICLE EXP FOR ASTEROID/JUPITER MISSIONS		
12	2			U/IA		1	19-Sep-69	CHARGED PARTICLE EXP	PN F/G - SCIENTIFIC & TECH PROPOSAL ENERGETIC CHARGED PARTICLE EXP FOR ASTEROID/JUPITER MISSIONS		
12	2			U/IA		1	21-May-69	CHARGED PARTICLE EXP	PN F/G - MANAGEMENT PROPOSAL ENERGETIC CHARGED PARTICLE EXP FOR ASTEROID/JUPITER MISSIONS		
12	2			U/CHI			26-Nov-68	CHARGED PARTICLE EXP	PN F/G - TECH PROPOSAL - CP EXPERIMENTS GALACTIC PROBES		
12	2			U/CHI			25-Nov-86	CHARGED PARTICLE EXP	PN F/G - MGMT PROPOSAL - CP EXPERIMENTS GALACTIC PROBES		
12	2			U/CHI			24-Feb-69	CHARGED PARTICLE EXP	PN F/G - SUPPLEMENTAL PROPOSAL - CP EXPERIMENTS GALACTIC PROBES		
12	2			U/CHI			28-Apr-69	CHARGED PARTICLE EXP	PN F/G - INSTRUMENT CHARACTERISTICS FOR EXPERIMENT		
12	2			U/CHI			14-May-69	CHARGED PARTICLE EXP	PN F/G - REVISED PROPOSAL - CPE		
12	2			U/CHI	NAS2-5601		13-Oct-69	CHARGED PARTICLE INSTRUMENT	PN 10/11 - FINAL TECH REPORT - DESIGN, DEVELOPMENT, FABRICATION TEST AND LAUNCH OF CP INSTRUMENT		
12	2			STANFORD			Dec-75	ORPA	PV - ORPA		
12	2			JPL	616-48		01-Nov-73	MAGNETIC FIELD EXP	PIONEER - JUPITER MAGNETIC FIELD INVESTIGATION SMITH		
12	2			JPL			23-Dec-68	MAGNETIC FIELD EXP	PN F/G - TECH PROPOSAL - MAGNETIC FIELD EXPERIMENT		
12	2			JPL			23-Dec-68	MAGNETIC FIELD EXP	PN F/G - MGMT PROPOSAL - MAGNETIC FIELD EXPERIMENT		
12	2			JPL			23-Dec-68	MAGNETIC FIELD EXP	PN F/G - MGMT PROPOSAL- REVISED - MAGNETIC FIELD EXPERIMENT		
12	2			NASA/ARC			25-Nov-68	PLASMA & LOW ENERGY PARTICLES	PN F/G - MGMT PROPOSAL INVESTIGATION OF PLASMA AND LOW ENERGY PARTICLE CHARACTERISTICS IN THE INTERPLANETARY MEDIUM BETWEEN 1AU AND 5AU IN THE VICINITY OF JUPITER		
12	2			U/IA			18-Nov-68	PLASMA & LOW ENERGY PARTICLES	PN F/G - MGMT PROPOSAL INVESTIGATION OF PLASMA AND LOW ENERGY PARTICLE CHARACTERISTICS IN THE INTERPLANETARY MEDIUM BETWEEN 1AU AND 5AU IN THE VICINITY OF JUPITER		
12	2			NASA/ARC				PLASMA & LOW ENERGY PARTICLES	PN F/G - TECH PROPOSAL INVESTIGATION OF PLASMA AND LOW ENERGY PARTICLE CHARACTERISTICS IN THE INTERPLANETARY MEDIUM BETWEEN 1AU AND 5AU IN THE VICINITY OF JUPITER		
12	2						09-May-69	TECH OBJECTIVES	WOLFE PRESENTATION - PLASMA		
12	2										
12	2							PUBLICATIONS	PN 10/11 - PUBLICATIONS BY VAN ALLEN, JA - PESSES, ME - GOERTZ, CK - THOMPSEN, MF - BAKER, DN - FRANK, LA - WOLFE, JH - ACKERSON, KL - MIHALOV, JD - SENTMAN, DD - NORTHROP, TG - BIRMINGHAM, TJ - RANDALL, RF - FLINDT, HR - AND OTHERS		
12	2			GSFC/U/NH		1	Feb-69	COSMIC RAY DETECTOR SYS	PN F/G - MGMT PROPOSAL COSMIC RAY DETECTOR SYSTEM		
12	2			GSFC/U/NH		1	Feb-69	COSMIC RAY DETECTOR SYS	PN F/G - TECH PROPOSAL - COSMIC RAY DETECTOR SYSTEM		
12	2			GSFC/U/NH		2	Jun-69	COSMIC RAY DETECTOR SYS	PN F/G - TECH PROPOSAL - COSMIC RAY DETECTOR SYSTEM		
12	2			GSFC/U/NH		1	Jul-69	COSMIC RAY DETECTOR SYS	PN F/G - MGMT PROPOSAL COSMIC RAY DETECTOR SYSTEM		
12	2			UCSD	UCSD 2851-1		12-Jun-69	TRAPPED RADIATION EXP	PN F/G - MGMT PROPOSAL - TRAPPED RADIATION EXPERIMENT		
12	2			UCSD	UCSD 2851-1		12-Jun-69	TRAPPED RADIATION EXP	PN F/G - TECH PROPOSAL - TRAPPED RADIATION EXPERIMENT		
12	2			UCSD	NAS2-5602		14-Feb-75	TRAPPED RADIATION	PN F/G - TRAPPED RADIATION - FINAL TECH REPORT		
12	2			UCSD			03-Feb-69	TRAPPED RADIATION EXP	PN F/G - REVISED PROPOSAL - TRAPPED RADIATION EXPERIMENT		
12	2			LMSC	NAS2-8811		Oct-77	ORPA	PV - DETAILED INSTRUMENT DESCRIPTION OF ORBITING RETARDING POTENTAIL ANALYSER		

12	2			PARL	NAS2-8811		Jun-78	RPA	PV - DESIGN AND DEVELOPMENT OF RETARDING POTENTAIL ANALYSER FINAL REPORT, VOL I & II			
12	2			PARL	NAS2-8811		Jun-78	RPA				
12	2			HAC	NAS2-8801		Dec-77	ORAD	PV - ORBITER RADAR MAPPER (ORAD) USER'S MANUAL			
12	2			ERI/MI	118900-1-F		Jun-76	RADAR MAPPER	PV - RADAR MAPPER TECHNICAL CONSULTATION - FINAL REPORT			
12	2			HAC			1977	RADAR MAPPER	PV - RADAR MAPPER - DWGS, TEST SPECS, SPEC CHANGE NOTICES			
12	2			NASA/ARC			1989-1992	ORBITER RADIO OCCULATION	PV - RADIO OCCULATION - CORRESPONDENCE, MISC - KLIORE			
12	2			NASA/ARC			1988-1990	ORPA	PV - ORBITER RETARDING POTENTAIL ANALYSER - CORRESPONDENCE, MISC - KNUDSEN			
12	2			NASA/ARC			1990-1993	OUVS	PV - ORBITER ULTRAVIOLET SPECTROMETER - CORRESPONDENCE, MISC - STEWART			
12	2			NASA/ARC			1988-1991	NAVIGATION MEETING	PN PROJECT NAVIGATION MEETING - CORRESPONDENCE ANDMISC			
12	2			NASA/ARC			1989-1991	OMOP	PV - ORBITER MISSION OPERATIONS PLANNING COMMITTEE - CORREESPONDENCE AND MISC			
12	2			NASA/ARC			1989	INSTRUMENT OPERATION	PV - OPERATIONS OF INSTRUMENTS - CORRESPONDENCE AND MISC			
12	2			NASA/ARC			1990-1993	OAD	PV - ORBITER ATMOSPHERIC DRAG - CORRESPONDENCE AND MISC - KEATING			
12	2			NASA/ARC			1988-1993	OCPP	PV - ORBITER CLOUD PHOTOPOLARIMETER- CORRESPONDENCE AND MISC - TRAVIS			
12	2			NASA/ARC			1991-1993	OEFD	PV - ORBITER ELECTRON FIELD DETECTOR - CORRESPONDENCE AND MISC - STRANGEWAY			
12	2			NASA/ARC			1988-1993	OETP	PV - ORBITERETP - CORRESPONDENCE AND MISC - BRACE			
12	2			NASA/ARC			1989-1992	OGBD	PV - ORBITER GAMMA RAY BURST DETECTOR - CORRESPONDENCE AND MISC - KLEBESADEL			
12	2			NASA/ARC			1987-1993	OMAG	PV - ORBITER MAGNETOMETER - CORRESPONDENCE AND MISC - RUSSELL			
12	2			NASA/ARC			1988-1990	ORAD	PV - ORBITER RADAR MAPPER - CORRESPONDENCE AND MISC - PETTENGILL			
12	2			NASA/ARC			1988-1993	ONMS	PV - ORBITER NEUTRAL MASS SPECTROMETER - CORRESPONDENCE AND MISC - NIEMAN			
12	2			NASA/ARC			1990-1993	OPA	PV - ORBITER PLASMA ANALYSER - CORRESPONDENCE AND MISC - BARNES & INTRILLIGATOR			
12	2			NASA/ARC			1990-1993	OIMS	PV - ORBITER ION MASS SPECTROMETER - CORRESPONDENCE AND MISC - CLOUTIER (TAYLOR)			
12	2			NASA/ARC			1988-1992	IDS	PV - IDS - CORRESPONDENCE AND MISC - DONAHUE			
12	2			NASA/ARC			1989-1990	IDS	PV - IDS - CORRESPONDENCE AND MISC - HUNTEN			
12	2			NASA/ARC			1988	IDS	PV - IDS - CORRESPONDENCE AND MISC - MASURSKY			
12	2			NASA/ARC			1989-1994	IDS	PV - IDS - CORRESPONDENCE AND MISC - NAGY			
12	**3**								***PIONEER VENUS - ASSORTED DATA***			
12	3			HAC	HS507-1053	1	Oct-74	PV PROGRAM DEV PLAN	PV PROGRAM DEVELOPMENT PLAN			
12	3			NASA/ARC			1977	ORGEOM SUPPORT	ORGEOM SUPPORT			
12	3			HAC	HS507-0082-387		15-Apr-75	S/C SYS-COST PROPOSAL	PV - S/C SYS - COST PROPOSAL - CHANGE PROPOSAL 2 - DIRECTED CHANGES TO PV S/C SYS			
12	3			HAC	RFP 2-26048(JC)			OPERATIONAL CHARACTERISTICS	13AUG76PV - OPERATIONAL CHARACTERISTICS DOCUMENTS / TECH & BUSINESS MGMT & COST PROPOSAL			
12	3			HAC	HS507-0082/733		19-Sep-75	S/C SYSTEM	PV - S/C SYS - COST PROPOSAL - CHANGE PROPOSAL 5 - DIRECTED CHANGES TO PV S/C SYS HEATING RATE EXPERIEMENT			
12	3			SOS	HS507-1850-42		09-Jun-77	PIN PULLER	PV - PIN PULLER P/N 33850559-100 - QUALIFICATION TEST REPORT			
12	3			NASA/ARC			1976-1977	EGSE - MLTPRB/ORB	PV - MULTIPROBE/ORBITER COMMENTS ON EGSE SPECS 450, 451, 452			
12	3			NASA/ARC			1978-1979	CONTRACT S/C	PV - S/C CONTRACT MODIFICATIONS OR CHANGES			
12	3			NASA/ARC			1979	NAS2-8300	PV - NAS2-8300 - COST AND FEES - CORRESPONDENCE			
12	3							OREGOM VAX & MICROVAX	ORGEOM VAX & MICROVAX USERS GUIDE 1 OF 2			
12	3							OREGOM VAX & MICROVAX	ORGEOM VAX & MICROVAX USERS GUIDE 2 OF 2			
12	3			NASA/ARC			1978-1979	ORB DESPUN ANTENNA	PV - ORBITER DESPUN ANTENNA IN-FLIGHT CALIBRATIONS			
12	3			NASA/ARC			16-Aug-76	DIRECTORS REVIEW	PV - DIRECTORS REVIEW VU-GRAPHS			
12	3			NASA/ARC			1974-1976	NAS2-8300	PV - NAS2-8300 CONTRACTOR CORRESPONDENCE			
12	3			NASA/ARC			1974-1976	NAS2-8300	PV - NAS2-8300 CONTRACTOR FIN. MGMT. REPORTS			
12	3			NASA/ARC			1974	CONTRACT & MODS	PV - AWARD OF CONTRACT & MODIFICATIONS			
12	**4**								***PIONEER VENUS - ASSORTED DATA***			
12	4			GE/TSE	9154-TDM-74-023		14-Dec-74	FREE FLIGHT	PV - HYPERVELOCITY FREE FLIGHT RANGE TESTS			
12	4			HAC				PV DWGS	PV - DRAWINGS (LARGE PROBE, S/C, FITTING TEE, RESISTOR, RESERVOIR ASSY)			
12	4			HAC	HS507-5163		Jun-76	MLTPRB/ORB DATA	PV - MULTIPROBE/ORBITER DATA BOOK			
12	4			GE/TSE	9154-TDM-74-022		24-Mar-75	BALLASTICS	PV -PRESSURIZED BALLASTIC RANGE TESTS			
12	4			GE/TSE	9154-TDM-74-015		16-Aug-74	SMALL PROBE	PV - SMALLPROBE SUBSONIC STABILITY TESTS			
12	4			NASA/ARC				OCCULATION RECORDS	PV - OCCULATION RECORDS - ORBITS 243 - 456			
12	4			NASA/ARC				OCCULATION RECORDS	PV - OCCULATION RECORDS - ORBITS 1 - 242			
12	4			NASA/ARC			5JUL-12DEC?	FLT OPS / MLTPRB	PV - MULTIPROBE JOURNAL - FLIGHT OPS RECORD			
12	4			NASA/ARC			30-Apr-81	DRPS & QLDRPS	PV - ATTITUDE LOG FOR DRPS & QLDRPS			

12	4			NASA/ARC			1980-1981	ATTITUDE ORB	PV - ORBITER ATTITUDE LOG - DRPS		
12	4			NASA/ARC			1981	ORBIT PREDICTION	PV - ORBIT PREDICTION UPDATE		
12	4			HAC	HS507-0082-388		15-Apr-75	JACKET	PV - S/C SYS - COST PROPOSAL - CHANGE PROPOSAL 3 - DIRECTED CHANGES		
12	4			NASA/ARC			1979-1991	JACKET	PVO - ORGEOM		
12	4			NASA/ARC			1978	JACKET	PV - DESPUN ANTENNA POINTING LOG		
12	4			NASA/ARC			26-Jun-76	JACKET	PV - QUARTERLY REVIEW - VU-GRAPHS		
12	4			NASA/ARC			1976-1977	JACKET	NAS2-8817 - CORRESPONDENCE		
12	4			HAC	HS507-0082-148		16-Aug-74	S/C SYS - COST	PV S/C SYS - COST PROPOSAL FOR NASA DIRECTED CHANGES YO PV S/C SYS		

PIONEER PROJECT

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
13	**1**								***PRESS KITS & INFORMATIONAL ARTICLES***		
13	1			NASA			1976	PRESS-INFORMATIONAL	PRESS KIT - VIKING ENCOUNTER		
13	1			NASA			19-Nov-74	PRESS-INFORMATIONAL	PRESS KIT - PN 11 JUPITER ENCOUNTER		
13	1			NASA/ARC				PRESS-INFORMATIONAL	NASA NEWS - DISCOVERIES ABOUT JUPITER		
13	1			NASA	78-181			PRESS-INFORMATIONAL	PRESS KIT - PIONEER VENUS ENCOUNTER		
13	1			NASA	78-68		09-May-78	PRESS-INFORMATIONAL	PRESS KIT - PIONEER VENUS		
13	1			NASA	78-101		27-Jul-78	PRESS-INFORMATIONAL	PRESS KIT - PIONEER VENUS 2		
13	1			NASA	NF 86/12-77			PRESS-INFORMATIONAL	NASA FACTS - THE PLANET VENUS		
13	1			NASA	NF - 79/6-77			PRESS-INFORMATIONAL	NAS AFACTS - SPACE SHUTTLE		
13	1			NASA/ARC	76-48			PRESS-INFORMATIONAL	NASA NEWS -		
13	1			NASA	74-292		19-Nov-74	PRESS-INFORMATIONAL	PRESS KIT - PIONEER 11 JUPITER ENCOUNTER		
13	1			NASA	73-243K		19-Nov-73	PRESS-INFORMATIONAL	PIONEER 10 JUPITER ENCOUNTER		
13	1			NASA			20-Feb-72	PRESS-INFORMATIONAL	PIONEER F (10)		
13	1			NASA			01-Apr-73	PRESS-INFORMATIONAL	PIONEER G		
13	1			NASA	NASA SP-349			PRESS-INFORMATIONAL	PIONEER ODYSSEY ENCOUNTER WITH A GIANT		
13	1							PRESS-INFORMATIONAL	ATLAS- CENTAUR D-1A - AC-51 - LAUNCH OPERATIONS AND FLIGHT EVENTS		
13	1			NASA	SP-278		1972	PRESS-INFORMATIONAL	THE INTERPLANETARY PIONEERS - VOL 1: SUMMARY	WR CORLISS	
13	1			BFEC				PRESS-INFORMATIONAL	PIONEER VENUS ENCOUNTER - 1978		
13	1			HAC	86650B/78		1978	PRESS-INFORMATIONAL	PIONEER VENUS '78 - ENCOUNTER DIGEST		
13	1			NASA/ARC	VOL XIV NO. 10		24-Feb-72	PRESS-INFORMATIONAL	PIONEER MISSION TO JUPITER, THEE ASTROGRAM - SPECIAL ISSUE		
13	1			NASA/ARC	VOL XVIII NUMBER 6		18-Dec-75	PRESS-INFORMATIONAL	PIONEER 6 CELEBRATES TENTH YEAR IN ORBIT...FOREVER, THE ASTROGRAM		
13	1			NASA/ARC				PRESS-INFORMATIONAL	PIONEER VENUS		
13	1			NASA	2043		13-14APR78	PRESS-INFORMATIONAL	STRATCOM VIII		
13	1			GSFC	X-624-77-261		Oct-77	PRESS-INFORMATIONAL	PREPRINT - STRATCOM-VIII SCIENTIFIC OBJECTIVES AND MISSION ORGANIZATION		
13	1			U/CHI/FERMI	93-33		Jul-93	PRESS-INFORMATIONAL	CONTRIBUTIONS TO THE 23RD INTL CONF ON COSMIC RAYS		
13	1			NASA	74-238		10-Sep-74	PRESS-INFORMATIONAL	NASA NEWS - A NEW LOOK AT JUPITER		
13	1			AEROSPACE COR	ATR-77(7375-01)-1		15-Mar-77	PRESS-INFORMATIONAL	STANDARDIZATION AND PROGRAM PRACTICE ANALYSIS (STUDY 2.4) FINAL REPORT, VOL I: EXECUTIVE SUMMARY		
13	1			AEROSPACE COR	ATR-77(7375-01)-1		15-Mar-77	PRESS-INFORMATIONAL	STANDARDIZATION AND PROGRAM PRACTICE ANALYSIS (STUDY 2.4) FINAL REPORT, VOL II: PART I, PROGRAM PRACTICES EVALUATION		
13	1			NASA/ARC			08-Jun-72	PRESS-INFORMATIONAL	PN 10 - TRANSCRIPT OF NEWS CONFERENCE / ARC		
13	1			NASA/ARC			14-Feb-75	PRESS-INFORMATIONAL	PV - PRELIM EXPERIMENT DESCRIPTION-DIFFERENCED LONG-BASELINE INTERFEROMETRIC TRACKING OF ENTRY PROBES TO DETERMINE WIND SPEEDS...VENUS ATMOSPHERE		
13	1			NASA/ARC				PRESS-INFORMATIONAL	PN 10 - LAUNCH TO JUPITER		
13	1			NASA/ARC				PRESS-INFORMATIONAL	PV - NEWS LETTERS		
13	1			NASA/ARC	74-3		05-Feb-74	PRESS-INFORMATIONAL	NASA NEWS - PV DESIGN CONTRACT AWARDED		
13	1			NASA	X1155.2		Dec-74	PRESS-INFORMATIONAL	PN 11 - SPECIAL		
13	1			NASA/ARC			1975	PRESS-INFORMATIONAL	NEWS CLIPPINGS - GENERAL;		
13	**2**								***R.O. FIMMEL - RECORDS 1964 - 1970***		
13	2			NASA/ARC			1964	RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC			1965	RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC			1966	RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC			1967	RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC			1968	RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC			1969-1970	RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC				RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC			1971	RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC			1972	RO FIMMEL	RO FIMMEL - RECORDS		
13	2			NASA/ARC			8-9-10FEB66	RO FIMMEL	PIONEER MAGNETIC RECORDING TEST NR-2 @DSIF #12 - RICHARD FIMMEL	RO FIMMEL	
13	2			NASA/ARC			19-May-67	RO FIMMEL	RESULTS OF POLDPS PROCESSING OF TEST TAPES FROM PN MAGNETIC TAPE RECORDING TEST NO. 2 @ DSS-12	RO FIMMEL	
13	2			NASA/ARC			1-2OCT64	RO FIMMEL	STUDY OF SPACECRAFT ONBOARD TEST AND DATA PROCESSING TECHNIQUES	RO FIMMEL	
13	2			NASA/ARC				RO FIMMEL	A SPACECRAFT COMPUTER REPAIRABLE VIA COMMAND TELEMETRY LINK TO ACHIEVE LONG TERM SURVIVAL	FIMMEL/BAKER	
13	**3**								***DEEP SPACE NETWORK - PIONEER PROJECT - PIONEER PROGRAM***		

13	3			NASA/ARC	PV-1001.00	A	02-Jul-73	PV-COST ESTIMATE	PIONEER VENUS - COST ESTIMATE		
13	3			NASA/ARC	PV-1008		05-Oct-73	PV-S/C-RFP	PV - TECHNICAL COMMITTEE EVALUATION OF PROPOSALS FOR SPACECRAFT - RFP 2-21976		
13	3			NASA/ARC	PV-1009		01-Oct-73	PV-MISSION DESCRIPTION	PV - MISSION DESCRIPTION AS OF OCT 1973		
13	3			NASA/ARC	PV-1002-A		24-Jul-72	PV-BASELINE SYS	PV - BASELINE SYSTEM DESIGN		
13	3			NASA/ARC			03-Oct-75	PV-SUPPORT INSTRUMENTATION	PV - SUPPORT INSTRUMENTATION REQUIREMENTS DOCUMENT		
13	3			JPL	616-61		01-Dec-76	PV-1978 NASA SUPPORT	PV - 1978 PRELIM NASA SUPPORT PLAN		
13	3			NASA/ARC			03-Apr-78	PV - SIRD	PV - SIRD REVISION TO		
13	3			NASA/ARC			29-May-09	SRQ&A SURVEY	SR&QA SURVEY		
13	3			NASA/ARC			1973-1975	PC-CORRESPONDENCE	PC SERIES - CORRESPONDENCE		
13	3			JPL	401-604		04-Jun-70	DSN	DSN SYSTEMS REEVIEW		
13	3				820-13	A	15-Nov-95	DSN	DSN REQUIREMENTS		
13	3			BBRC			12-May-75	MATL STANDARDS	PIONEER PROJECT MATERIALS STANDARDS		
13	3			MOTOROLA			1975	PROC SPECS	PROCUREMENT SPECS & ITEM REQUIREMENT SHEETS		
13	3			NASA/ARC			14-Feb-64	PROJ DEV PLAN	PROJECT DEVELOPMENT PLAN		
13	3			NASA/ARC	PS-201			ELEC PARTS	PIONEER PROJECT - STANDARD PS-201 - ELECTRONIC PARTS SCREENING STANDARD FOR SCIENTIFIC INSTRUMENTS		
13	3			NASA/ARC	P-1A			STANDARDS & PRACTICES	PIONEER PROGRAM DOCUMENTATION STANDARDS & PRACTICES		
13	3			NASA/ARC	P-1B			STANDARDS & PRACTICES	PIONEER PROGRAM DOCUMENTATION STANDARDS & PRACTICES		
13	3			NASA/ARC	PC-003.00			DEV PLAN	PROJECT DEVELOPMENT PLAN		
13	3							SRA DETECTOR	RADIATION DAMAGE TO SRA DETECTOR		
13	3			NASA			13-Apr-87	UNIV PROGRAM	UNIVERSITY PROGRAM MANAGEMENT INFORMATION SYSTEM - R&D PRINCIPAL INVESTIGATORS FOR DOMESTIC UNIVERSITIES		
13	3			ATSC			Mar-95	ENGINEERING DATABASE	PROGRAM DOCUMENT FOR ENGINEERING DATABASE		
13	3			NASA/ARC			1982-1983	PN MISSIONS	PIONEER MISSIONS - PVO/PN/10/11 AND SIRD		
13	3			JPL			16-Jun-73	ORBIT - PVO & MLTPRB	PIONEER PROGRAM - INTERPLANETARY ORBIT DETERMINATION STRATEGY & ACCURACY FOR PVOAND MULTIPROBE MISSIONS		
13	3			NASA/ARC	PC-433		1976	CHANGE TO PROJ DOC	PIONEER PROGRAM - PROPOSED CHANGE TO PROJECT DOCUMENTATION		
13	3			NASA/ARC	PC-431		1975	CHANGE TO PROJ DOC	PIONEER PROGRAM - PROPOSED CHANGE TO PROJECT DOCUMENTATION		
13	3			GE	S-0160-02-0010-A		1974	PARACHUTE	PIONEER PROGRAM - SPEC SHEET SINGLE STAGE PARACHUTE ASSEMBLY		
13	3			GE	ERS-5935-50-0027			SSS-CONNECTOR	PIONEER PROGRAM - SPEC STATUS SHEET, CONNECTOR, ELECTRICAL DISCONNECT (61)		
13	3			GE				PARACHUTE	PIONEER PROGRAM - MORTAR ASSY, PILOT CHUTE & CARTRIDGE , MORTAR, PILOT CHUTE		
13	3			GE				CARBON PHENOLIC SHIELDS	PIONEER PROGRAM - SPEC STATUS SHEET CARBON PHENOLIC HEAT SHIELDS		
13	3			HAC	SS31639-0067		22-Apr-75	S/C - ORBITER	PIONEER VENUS PROGRAM ORBITER SPACECRAFT SPEC		
13	3			HAC	SS31639.001		02-May-75	S/C BUS/MLTPRB	PV PROGRAM - MULTIPROBE / BUS SPACECRAFT SPEC		
13	3			HAC			01-May-75	GROUND SUPPORT	PV PROGRAM - MECHANICAL GROUND SUPPORT EQUIP. DESIGN REVIEW MULTIPROBE BUS, ORB S/C & LARGE AND SMALL PROBES		
13	**4**								***PIONEER 6-11 - ASSORTED DATA***		
13	4			NASA/ARC				PN 6-11	PN 6-11 - VISUAL MATERIALS - OSSA VISIT - 3.7.1.3		
13	4			NASA/ARC			18-19MAR75	PN 6-11	PN 6-11 - QUARTERLY REVIEW FOR NASA HQ		
13	4			NASA/ARC				PN 6-11	PN 6-11 - VISUAL RECORDS - GOE EGSE - 3.7.11.2		
13	4			NASA/ARC				PN 6-11	PN 6-11 - VISUAL RECORDS - CAPE ACTIVITIES - 3.7.1.4.2		
13	4			NASA/ARC				PN 6-11	PN 6-11 - VISUAL RECORDS - CAPE ACTIVITIES - 3.7.1.4.2		
13	4			NASA/ARC				PN 6-11	PN 6-11 - VISUAL RECORDS - OSSA VISIT SUMMARY D.R. - 3.7.1.3		
13	4			NASA/ARC				PN 6-11	PN 6-11 - VISUAL RECORDE - LAUNCH - 3.7.1.5		
13	4			NASA/ARC				PN 6-11	PN 6-11 - VISUAL RECORDS - SPACECRAFT - 3.7.1.1		
13	4			NASA/ARC	615-55	C	14-Feb-94	PN 6-11	PN 6-11 - DSN - NETWORK OPS PLAN		
13	4			JPL	616-55	A	26-May-78	PN 6-11	NETWORK OPERATIONS PLAN FOR PN 6-11		
13	4			NASA/ARC			09-May-73	PN 6-11	PN 6-11 - PIONEER PROJECT STRUCTURE		

PIONEER PROJECT

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
14	**1**								***NAS2-8300 CHANGE PROPOSALS***		
14	1			NASA/ARC/HAC	HS507-0082-390		18-Apr-75	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #2,		
14	1			HAC	HS507-0082-388		15-Apr-75	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOLAS #3, PV S/C SYS		
14	1			NASA/ARC/HAC			02-Sep-75	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #4, PC-464		
14	1			NASA/ARC/HAC	HS507-0082-733		19-Sep-75	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #5, HEATING RATE EXPERIMENT		
14	1			NASA/ARC/HAC	HS507-0082-705		04-Aug-75	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #6, PC-430, REV 5 & PC-431, REV 5 & PC-432, REV 5		
14	1			NASA/ARC/HAC	HS507-0082-912		24-Nov-75	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #7, PC-46X		
14	1			NASA/ARC/HAC	HS507-0082-996		02-Oct-75	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #8, PC-430, REV. 6		
14	1			NASA/ARC/HAC	HS507-0082-1048		23-Jan-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #9, PC-433, REV. 6		
14	1			NASA/ARC/HAC	HS507-0082-1109		08-Apr-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #10, PC-431, REV. 6		
14	1			NASA/ARC/HAC	HS507-0082-1268		09-Apr-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #11, PC-413 ADDITIONAL COMPUTER EQUIPMENT		
14	1			NASA/ARC/HAC	HS507-0082-1270		24-May-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #12, PC-43X, REV 7		
14	1			NASA/ARC/HAC	HS507-0082-1640		18-Aug-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #17, BNMS MOUNTING BRACKET		
14	1			NASA/ARC/HAC	HS507-0082-1465-A		06-Dec-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #18, PC-410, REV.7		
14	1			NASA/ARC/HAC	HS507-0082-1517		05-Jul-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #19, PC-462, REV. 3		
14	1			NASA/ARC/HAC	HS507-0082-1596		23-Aug-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #20 , PC-43X, REV. 8		
14	1			NASA/ARC/HAC	HS507-0082-1706		07-Sep-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #21, S/C ATTACH FITTING/HANDLING GSE COMPATIBILITY TESTS		
14	1			NASA/ARC/HAC	HS507-0082-1744		20-Sep-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #22, PROM SPARES FOR TELEMETRY FORMATS & DESCENT SEQUENCES		
14	1			NASA/ARC/HAC	HS507-0082-1841		27-Oct-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #23, 100% TEST WITNESSING BY QUALITY ASSUARANCE		
14	1			NASA/ARC/HAC	HS507-0082-1858		09-Nov-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #24, SILICONIX INPUT BUFFER SINGLE POINT FAILURE MODE FIX		
14	1			NASA/ARC/HAC	HS507-0082-1889		07-Dec-76	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #26, PC-43X, REV. 9		
14	1			NASA/ARC/HAC	HS507-0082-1966		04-Jan-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #27, COMMAND PROCESSOR SINGLE POINT FAILURE MODE FIX		
14	1			NASA/ARC/HAC	HS507-0082-2115		17-Feb-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #28, CONTRACT MODS. 103, 107 & 110		
14	1			NASA/ARC/HAC	HS507-0082-2094		23-Feb-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #29, ACS SIGNALS TO COMPUTERS		
14	1			NASA/ARC/HAC	HS507-0082-2122		24-Mar-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #30, REV. 10 TO PC-43X		
14	1			NASA/ARC/HAC	HS507-0082-2238		16-May-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #31, SMALL PROBE DEPLOYMENT MECHANISM		
14	1			NASA/ARC/HAC	HS507-0082-2313		27-May-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #34, REV. 11 TO PC-43X		
14	1			NASA/ARC/HAC	HS507-0082-2406		06-Jul-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #35, PC-463, REV 87, CONTRACT MOD. 171		
14	1			NASA/ARC/HAC	HS507-0082-2408		06-Jul-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #36, PC-453, REV. 10, CONTRACT MOD. 167		
14	1			NASA/ARC/HAC	HS507-0082-2421		06-Jul-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #37, PC-461, REV 5 CONTRACT MOD. 152		
14	1			NASA/ARC/HAC	HS507-0082-2422		06-Jul-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #38, PC-462, REV. 5 CONTRACT MOD. 153		
14	1			HAC	HS507-0082-2406		06-Jul-77	NAS2-8300	PV - NAS2-8300 - CHANGE PROPOSAL #35, PC-463, REV. 8, CONTRACT MOD. 171		
14	1			HAC	HS507-0082-2422		07-Jul-77	NAS2-8300	PV- NAS2-8300 - CHANGE PROPOSAL #38, PC-462, REV. 5, CONTRACT MOD. 153		
14	1			NASA/ARC			31-Jan-74	PV DESIGN,DEV	PV - CONCEPTUAL DESIGN PHASE & DESIGN, DEVELOPMENT, OPERATIONS PHASE-SOURCE EVA. BOARD REPORT TO ADMINISTRATOR		
14	1			HAC	HS507-0082-90		25-Mar-74	P/V DESIGN, DEV	PV - HAC ERRATA TO PROPOSAL FOR THE DESIGN & DEVELOPMENT S/C SYSTEM		
14	1			NASA/ARC			14-Feb-78	PV FILE INDEX	PV - DATA PKG FILE INDEX S/C MULTIPROBE		
14	1			NASA/ARC			10-Oct-73	RFP 2-21976	PV - BUSINESS COMMITTEE EVAL OF PROPOSALS FOR SPACECRAFT RFP 2-21976		
14	1			NASA/ARC			12-Oct-73	PV PROJECT	PV - SOURCE EVALUATION REPORT PIONEER VENUS PROJECT EXECUTION PHASE		
14	1			HAC			1973-1974	NAS2-7673	PV - NAS2-7673 - STATUS REPORTS - MULTIPLE		
14	**2**								***DATA PRINTOUTS, SIGMA-5 ON-LINE & IBM INFORMATION***		
14	2			NASA/ARC				DOY 066	PN G - SYSTEMS INT. TEST - DOY 066 - DATA PRINTOUT		
14	2			NASA/ARC				SYS 338-340	PN F/G - DATA PRINTOUT - SYSTEM 338-340		
14	2			NASA/ARC				DOY 047	PN 11 - DATA PRINTOUT - PASS 317, DOY 047, DSS 42A		
14	2			NASA/ARC				DOY 046	PN 11 - DATA PRINTOUT - PASS 316, DOY 046 (15FEB74), DSS 42A - GROUND A G C DATA		
14	2			NASA/ARC				SYS 336-338	PN F/G - DATA PRINTOUT - SYSTEM 336-338		
14	2			TRW	PFG.290.301		29-Mar-71	INTEGRATION & TEST SOFTWARE	PN F/G (10/11) - INTEGRATION AND TEST SOFTWARE - PROGRAMMER MANUAL		
14	2			BFEC	BFEC/ARC-061		Aug-73	SIGMA-5	PN 10 - SIGMA 5 ON-LINE - VOL V DESA5		
14	2			BFEC	BFEC/ARC-065		Jul-73	SIGMA-5	PN 10/11 - SIGMA 5 ON-LINE - VOL III - TELMS		
14	2			BFEC	BFEC/ARC.064		Jan-74	SIGMA-5	PN 10/11 - SIGMA 5 ON-LINE - VOL I - GENERAL SYSTEM DESCRIPTION		
14	2			JPL/IBM	951896-433		08-Jun-70	MASTER CONTROL	MASTER CONTROL & USER INTERFACE		
14	**3**								***PN F/G (10/11) - DESIGN AUDITS, CLOSEOUT DOCS, REVIEWS, ETC.***		
14	3			NASA/ARC			6-7JAN72	PN F PRE-SHIP	PN F PRESHIP REVIEW		
14	3			NASA/ARC				PN G HALL LAUNCH	PN G HALL LAUNCH MANUAL		
14	3							PROPULSION SUBSYS	PN F/G (10/11) PROPULSION SUBSYSTEM DESIGN REVIEW NO. 1		
14	3			TRW			Jan-71	THRUSTER CLUSTER ASSY	PN F/G (10/11) THRUSTER CLUSTER ASSEMBLY DESIGN REVIEW #3		
14	3			TRW			Nov-70	LINE HEATER ASSY	LINE HEATER ASSEMBLY DESIGN REVIEW NO. 3		
14	3			TRW			03-Sep-70	CEA	PN F/G CEA DESIGN REVIEW NO. 3 CLOSEOUT DOCUMENT		
14	3			TRW			22-Jul-70	SRA (MECHANICAL)	PN F/G (10/11) - SRA (MECHANICAL) DESIGN REVIEW CLOSEOUT DOCUMENT SUPPLEMENT		
14	3			TRW			15-Jul-70	SRA (MECHANICAL)	PN F/G (10/11) SRA (MECHANICAL DESIGN) CLOSEOUT DOCUMENT		

14	3			TRW			08-Jul-70	PROPULSION SUBSYS	PN F/G (10/11) - PROPULSION SUB SYSTEM PROPELLANT AND PRESSURANT TANK CDR CLOSEOUT		
14	3			HONEYWELL/TRW			05-Mar-70	SUN SENSOR	PN F/G (10/11) - PDR DATA PACKAGE FOR SUN SENSORS PROGRAM		
14	3			TRW			Sep-70	PROPULSION SUBSYS	PN F/G (10/11) - PROPULSION SUBSYSTEM RADIOISOTOPE HEATER UNIT (RHU) DESIGN REVIEW NO. 3		
14	3			TRW			08-May-70	STELLAR REF ASSY	PN F/G (10/11) - STELLAR REFERENCE ASSEMBLY (SRA) UNIT TEST SET CONCEPTUAL DESIGN REVIEW DESIGN REVIEW NO/ 1		
14	3			TRW			Sep-70	PROPULSION SUBSYS	PN F/G (10/11) - PROPULSION SUBSYSTEM DESIGN REVIEW NO. 3		
14	3			TRW			Sep-70	PROPELLANT SUPPLY ASSY	PN F/G (10/11) - PROPELLANT SUPPLY ASSEMBLY DESIGN REVIEW NO. 3		
14	3			TRW			Jul-71	ATTITUDE CONTROL	PN F/G (10/11) - ATTITUDE CONTROL SUBSYSTEM CONTROL ELECTRONIC ASSEMBLY (AUTO STAR CIRCUIT)		
14	3			TRW			21-Dec-70	STELLAR REF ASSY	PN F/G (10/11) - STELLAR REFERENCE ASSEMBLY RECOVERY CIRCUIT DESIGN AUDIT		
14	3			TRW			Jul-71	STELLAR REF ASSY	PN F/G (10/11) - STELLAR REFERENCE ASSEMBLY DESIGN AUDIT		
14	3			TRW			02-Oct-70	STELLAR REF ASSY	PN F/G (10/11) STELLAR REFERENCE ASSEMBLY (SRA) DESIGN REVIEW NO. 3		
14	3			TRW			01-Aug-72	BINDER	PN F/G (10/11) FLIGHT G TELEMETRY CALIBRATION DATA		
14	3			NASA/ARC			10-Feb-72	TELEMETRY CALIBRATION	PN G MISSION READINESS REVIEW		
14	3			NASA/ARC			1971-1972	THRUSTER	PN F/G THRUSTER PERFORMANCE		
14	3			NASA/ARC				ENCOUNTER PN 10	PN 10 ENCOUNTER - BOOK 1 OF 2		
14	3			TRW			Apr-70	PROPULSION SUBSYS	PN F/G (10/11) PROPULSION SUBSYSTEM DESIGN REVIEW NO. 2		
14	3			TRW			28-May-70	CONTROL ELECTRONICS	CONTROL ELECTRONICS ASSEMBLY SUPPLEMENTARY DESIGN REVIEW		
14	**4**								***PN 10/11 REVIEWS, CLOSEOUT DOCS, DATA PKGS, ETC.***		
14	4			NASA/ARC			03-Apr-73	PN 11 PRE-SHIP	PN 11 - PRE-SHIP REVIEW		
14	4			HONEYWELL/TRW			28-Jun-71	SUN SENSOR	PN F/G (10/11) - SUN SENSOR ASSEMBLY LOG DATA PKG & FLT MODEL ACCEPTANCE REPORT, P/N C261345-1, S/N 003-BOOK 1 OF 2		
14	4			TRW			30-Sep-70	ACS SUBSYS	ACS SUBSYSTEM DESIGN REVIEW #3 SUPPLEMENT		
14	4			TRW			16-Jun-70	PROPULSION SUBSYS	PN F/G (10/11) - PROPULSION SUBSYSTEM PRESSURE TRANSDUCER PDR CLOSEOUT DOCUMENT		
14	4			TRW			16-Jul-70	PROPULSION SUBSYS	PN F/G (10/11) - PROPULSION SUBSYSTEM PRESSURE TRANSDUCER CDR CLOSEOUT DOCUMENT		
14	4			TRW			13-Jan-72	SUN SENSOR	PN F/G (10/11) - SUN SENSOR ASSEMBLY, P/N C261345-2, S/N 004-SUPPLIER RETEST DATA		
14	4			TRW			20-Jul-71	SUN SENSOR	PN F/G (10/11) - SUN SENSOR ASSEMBLY LOG DATA PKG & FLT MODEL ACCEPTANCE REPORT, P/N C261345-1, S/N 004 - BOOK 1 OF 2		
14	4			TRW			20-Jul-71	SUN SENSOR	PN F/G (10/11) - SUN SENSOR ASSEMBLY LOG DATA PKG & FLT MODEL ACCEPTANCE REPORT, P/N C261345-1, S/N 004 - BOOK 2 OF 2		
14	4			ALLEN DESIGN			08-Apr-70	PROPELLANT VALVE	PN F/G (10/11) - DESIGN REVIEW PKG - PROPELLANT VALVE 14010-01 & -02		
14	4			TRW			1970	SUN SENSOR	PN F/G (10/11) - PDR CLOSEOUT RPT &ADDENDUM &CDR CLOSEOUT RPT - SUN SENSOR ASSEMBLY		
14	4			TRW			1970	PROPELLANT VALVE	PN F/G (10/11) - PROPELLANT VALVE, LINE HEATER, LINES INSIDE COMPARTMENT,SUPPLY ASSY &TANK - ASSORTED		
14	4			NASA/ARC				SCIENCE INSTRUMENTS	PN F/G (10/11) SCIENCE INSTRUMENTS DESCRIPTIONS		
14	4			NASA/ARC				SCIENCE INSTRUMENTS	PN F/G (10/11) - PN 11 SCIENCE INSTRUMENTS OPERATION MANUAL		
14	4			NASA/ARC				SCIENCE INSTRUMENTS	PN F/G (10/11) - PUBLICATIONS & TECHNICAL ARTICLES RELATING TO INSTRUMENTS		
14	4			TRW				PROJECT DEV PLAN	PN F/G (10/11) - PROJECT DEVELOPMENT PLAN - APPENDIX 4 - HARDWARE		
14	4			NASA/ARC				ENCOUNTER PN 11	PN 11 JUPITER ENCOUNTER - PRINTOUT 2 OF 2		
14	4			NASA/ARC				IPP OBS	PN F/G (10/11) - IPP OBS CHARTS - SCIENCE ADV COPY		
14	4			NASA/ARC			Aug-73	PN F/G JOURNAL/HANDBOOK	PN F/G (10/11) - JOURNAL/HANDBOOK FOR ASSORTED ISSUES		
14	4			NASA/ARC				TCM-PVO	PN F/G (10/11) - TCM - PVO ORBIT NUMBER VS. CALENDAR DATE		

PIONEER PROJECT
LIBRARY

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
15	**1**								***PIONEER F/G (10/11) REVIEWS, REVIEW MTGS, TEST DATA PKGS, ETC.***		
15	1			TRW			06-May-70	COMMUNICATION DESIGN	PN F/G (10/11) - COMMUNICATION DESIGN INTEGRATION SUBPROJECT - DESIGN REVIEW #2		
15	1			TRW				CEA UNIT TEST SET	PN F/G (10/11) - CEA UNIT TEST SET - DESIGN REVIEW #2/3		
15	1			TRW	TE 261726		13-May-70	EQUIP SPEC	EQUIP SPEC ,PERFORMANCE/DESIGN/FABRICATION AND TEST		
15	1			TRW	70-2246.7-115		10-Jun-70	PRESSURE TRANSDUCER	DESIGN REVIEW MTG NOTICE: CDR FOR STRATHAM INSTRUMENTS - PRESSURE TRANSDUCER		
15	1			TRW	SS 12-11		07-Apr-70	ANTENNA SUBSYS	PN F/G (10/11) ANTENNA SUBSYSTEM DESIGN REVIEW NUMBER TWO - APPENDIX		
15	1			TRW			03-Jun-70	SPIN PERIOD SECTOR GENERATOR	PN F/G (10/11) SPIN PERIOD SECTOR GENERATOR DESIGN REVIEW NO. 2 DATA PKG		
15	1			TRW			23-Apr-70	ANTENNA SUBSYS	PN F/G (10/11) ANTENNA SUBSYSTEM DESIGN REVIEW NUMBER TWO - ADDENDUM		
15	1			TRW			14-Jan-70	MGSE / GHE / STS	PN F/G (10/11) MGSE / GHE AND STS DESIGN REVIEW NO. 1 - CLOSEOUT DOCUMENT		
15	1			TRW				DATA PKG DESIGN	DATA PKG DESIGN REVIEW #2A - MTG P-8281 - MECHANICAL DESIGN REVIEW		
15	1			TRW			06-May-70	COMMUNICATION DESIGN	PN F/G (10/11) - COMMUNICATION DESIGN INTEGRATION SUBPROJECT DESIGN REVIEW #2		
15	1			TRW			Nov-69	COMMUNICATION SUBSYS	PN F/G (10/11) - COMMUNICATION SUBSYSTEM DESIGN REVIEW NO. 1		
15	1			TRW			08-Apr-70	CONSCAN	PN F/G (10/11) - CONSCAN TEST SET		
15	1			TRW	R7333.9-213		20-May-70	CONSCAN	DIGITAL CONSCAN PROCESSOR DESIGN REVIEW #2		
15	1			TRW	R-7333.9-176		09-Mar-70	CONSCAN	DIGITAL CONSCAN DESIGN REVIEW NO. 1		
15	1			TRW			24-Nov-69	ANTENNA SUBSYS	PN F/G (10/11) - ANTENNA SUBSYSTEM DESIGN REVIEW NUMBER ONE		
15	1			TRW				COMMUNICATIONS DESIGN	PN F/G (10/11) - COMMUNICATIONS DESIGN INTEGRATION		
15	1			TRW	TE261726		13-May-70	CEA UTS #1	PN F/G (10/11) - CEA UTS #1		
15	1			TRW			07-Oct-70	CONSCAN	PN F/G (10/11) - CONSCAN UNIT TEST SET DATA PKG DESIGN REVIEW NO. 2 & 3		
15	1			TRW			09-Feb-71	THERMAL CONTROL SUBSYS	PN F/G (10/11) - THERMAL CONTROL SUBSYSTEM DESIGN REVIEW NUMBER 3		
15	1			TRW			23-Apr-70	ANTENNA SUBSYS	PN F/G (10/11) - ANTENNA SUBSYSTEM DESIGN REVIEW NUMBER TWO		
15	1			TRW			21-Jan-71	CONSCAN	PN F/G (10/11) - CONSCAN VERIFICATION TESTING DATA PACKAGE		
15	1			TRW				COMMUNICATIONS SUBSYS	PN F/G (10/11) - COMMUNICATIONS SUBSYSTEM UNIT TEST SETS		
15	1			TRW			17-Dec-70	COMMUNICATIONS	PN F/G (10/11) - COMMUNICATIONS DESIGN INTEGRATION DESIGN REVIEW #2 DATA PKG		
15	1			TRW			03-Dec-70	CONTROL ELECTRONICS	PN F/G (10/11) - CONTOL ELECTRONICS ASSEMBLY UNIT TEST SET DESIGN REVIEW NO. 2&3		
15	1			TRW			30-Sep-70	ACS SUBSYS	ACS SUBSYSTEM DESIGN REVIEW #3 SUPPLEMENT		
15	1						Nov-70	COMMUNICATIONS SUBSYS	PN F/G (10/11) - COMMUNICATIONS SUBSYSTEM DESIGN REVIEW THREE		
15	**2**								***PIONEER F/G (10/11) REVIEWS, REVIEW MTGS, TEST DATA PKGS, ETC.***		
15	2			TRW			15-Sep-70	CEA	PN F/G (10/11) CEA DESIGN REVIEW NO. 3		
15	2			TRW			02-Oct-70	ACS SUBSYS	PN F/G (10/11) - ACS SUBBSYSTEM DESIGN REVIEW NO. 3		
15	2			TRW			28-May-70	CONTROL ELECTRONICS	CONTROL ELECTRONICS ASSEMBLY		
15	2			TRW			10-Apr-70	CEA	PN F/G (10/11) - CEA DESIGN REVIEW NO. 2 DATA PKG		
15	2			TRW	70.7230.3-609		08-May-70	ACS	ACS DESIGN REVIEW #2		
15	2			TRW			08-May-70	ACS	ACS DESIGN REVIEW #2		
15	2			TRW				ATTITUDE CONTROL SUBSYS	PN F/G (10/11) - ATTITUDE CONTROL SUBSYSTEM DATA PKG		
15	2			TRW			08-May-70	SRA	SRA DESIGN REVIEW #2		
15	2			TRW			10-Oct-70	SRA	PN F/G (10/11) - STELLAR REFERENCE ASSEMBLY (SRA) UNIT TEST SET DESIGN REVIEW NO. 2&3		
15	2			TRW			15-Sep-70	CEA	PN F/G (10/11) - CEA DESIGN REVIEW NO. 3		
15	2			TRW			13-Oct-70	ANTENNA SUBSYS	PN F/G (10/11) ANTENNA SUBSYSTEM DESIGN REVIEW NO. 3		
15	2			TRW			20-Oct-70	CEA	PN F/G (10/11) - CEA DESIGN REVIEW NO. 3 CLOSEOUT DOCUMENT SUPPLEMENT		
15	2			TRW			26-Oct-70	SRA	PN F/G (10/11) - SRA DESIGN REVIEW NO. 3 CLOSEOUT DOCUMENT		
15	2			TRW			25-Nov-70	SRA	PN F/G (10/11) - STELLAR REFERENCE ASSEMBLY UNIT TEST SET DESIGN REVIEW NO. 2/3 CLOSEOUT DOCUMENT		
15	2			TRW			14-May-70	CEA	PN F/G (10/11) - CEA DESIGN REVIEW CLOSEOUT DOCUMENT		
15	2			TRW			03-Sep-70	CEA	PN F/G (10/11) - CEA DESIGN REVIEW NO. 3 CLOSEOUT DOCUMENT		
15	2			TRW			22-Jul-70	SRA	PN F/G (10/11) - SRA (MECHANICAL) DESIGN REVIEW CLOSEOUT DOCUMENT SUPPLEMENT		
15	2			TRW			12-Jan-71	SRA	PN F/G (10/11) - STELLAR REFERENCE ASSEMBLY RECOVERY CIRCUIT DESIGN REVIEW NO. 3 CLOSEOUT DOCUMENT		
15	2			TRW			30-Sep-70	ACS	ACS SUBSYSTEM DESIGN REVIEW NO. 3 SUPPLEMENT		
15	2			TRW			01-Dec-70	CONSCAN	PN F/G (10/11) - CONSCAN SIGNAL PROCESSOR CLOSEOUT DOCUMENT		
15	2			TRW			12-May-70	CONSCAN	PN F/G (10/11) - CONSCAN SIGNAL PROCESSOR TEST SET DESIGN REVIEW NO. 1 CLOSEOUT DOCUMENT		
15	2			TRW	PFG.281.140		24-Jul-70	CDI	PN F/G (10/11) - CDI DESIGN REVIEW #2 CLOSEOUT DOCUMENT SUPPLEMENT		
15	2			TRW			15-Jun-70	CDI	PN F/G (10/11) CDI SUBSYSTEM CLOSEOUT DOCUMENT		
15	2			TRW			22-Jun-70	CEA	PN F/G (10/11) - CEA / SRA UTS DESIGN REVIEW NO. 1 CLOSEOUT DOCUMENT		
15	2			TRW			26-Oct-70	ACS	PN F/G (10/11) - ACS SUBSYSTEM DESIGN REVIEW NO. 3 CLOSEOUT DOCUMENT		
15	2			TRW			15-Jul-70	SRA	PN F/G (10/11) - SRA (MECHANICAL DESIGN) CLOSEOUT DOCUMENT		
15	2			TRW			10-Jul-70	ACS	PN F/G (10/11) - ACS SUBSYSTEM AND SRA DESIGN REVIEW CLOSEOUT DOCUMENT SUPPLEMENT		
15	2			TRW			17-Jul-70	CEA	PN F/G (10/11) - CEA / SRA UTS CLOSEOUT DOCUMENT SUPPLEMENT		
15	2			TRW	PFG.281.214		29-Jun-70	STAR LOGIC	PN F/G (10/11) STAR LOGIC CLOSEOUT DOCUMENT		
15	2			TRW	PFG.281.119		23-Apr-70	SUN SENSOR	PN F/G (10/11) - PDR CLOSEOUT REPORT, SUN SENSOR ASSEMBLY		
15	2			TRW	8227.9-1131		05-Jan-72	TELEMETRY CALIBRATION	PN F/G ENGINEERING TELEMETRY CALIBRATION DATA		
15	2							CEA	ACTION ITEMS SUMMARY - CEA UTS		

15	2							CSP	ACTION ITEMS SUMMARY - CSP UTS DESIGN REVIEW NO. 2			
15	**3**								***LIBRARY - INFO SYS MGMT, COMPUTER, COMMUNICATIONS SYS & DATA PROCESSING***			
15	3			BAKER/CUMMINGS				MULTIPAC	MULTIPAC, A MULTIPLE POOL PROCESSOR & COMPUTER FOR A SPACECRAFT CENTRAL DATA SYSTEM-RESEARCH REPORT			
15	3			BAKER/CUMMINGS				MULTIPAC	MULTIPAC, A MULTIPLE POOL PROCESSOR & COMPUTER FOR A SPACECRAFT CENTRAL DATA SYSTEM-SUMMARY, FINAL REPORT			
15	3			LMSC				S/C ON-BOARD TEST & DATA PROCESSING	STUDY OF SPACECRAFT ON-BOARD TEST & DATA PROCESSING TECHNIQUES - FINAL REPORT			
15	3			TRW			31-Oct-66	DATA FORMAT & SYSTEM/DEEP	A STUDY TO DETERMINE AN EFFICIENT DATA FORMAT & DATA SYSTEM FOR LIGHTWEIGHT DEEP SPACE PROBE			
15	3			STANFORD			Aug-67	SAINT PROJECT	THE SAINT PROJECT - PRELIM DESIGN OF AN INTERNATIONAL SATELLITE COMMUNICATIONS SYSTEM			
15	3			AFIPS				AFIPS INDEX	AFIPS INDEX CONSOLIDATED VOL 1-26			
15	3			AFIPS			1964	COMPUTER CONFERENCE	FALL JOINT COMPUTER CONFERENCE, VOL 26, PART I			
15	3			AFIPS			1964	VERY HIGH SPEED COMPUTER	VERY HIGH SPEED COMPUTER SYSTEM, VOL 26, PART II			
15	3			SYLVANIA				MOBIDIC C	MOBIDIC C - FINAL DESIGN PLAN, VOL I			
15	3			SYLVANIA				MOBIDIC C	MOBIDIC C - FINAL DESIGN PLAN, VOL II			
15	3			SYLVANIA				MOBIDIC	MOBIDIC, PRELIMINARY PROGRAMMING MANUAL			
15	3			LMSC				BIOLOGICAL HANDBOOK	STATE-OF-THE-ART BIOLOGICAL DATA HANDBOOK			
15	3			FIMMEL/BAKER				S/C COMPTER REPAIRS	A SPACECRAFT COMPUTER REPAIRABLE BY COMMAND			
15	3			FIMMEL, RO				S/C DATA MGMT	CENTRAL DATA SYSTEM CONCEPTS FOR SPACECRAFT DATA MANAGEMENT			
15	3			FIMMEL, RO				MULTIPAC	MULTIPAC, A NEW CONCEPT FOR SPACECRAFT DATA MANAGEMENT SYSTEMS			
15	3			POPPPLEWELL, CM				INFO PROCESSING	INFORMATION PROCESSING 62 - PROCEEDINGS OF 1FIP CONGRESS 62			
15	3			BELL LABS				THE TRANSISTOR	THE TRANSISTOR - SELECTED REFERENCE MATERIAL ON CHARACTERISTICS & APPLICATIONS			
15	**4**								***LIBRARY - GENERAL***			
15	4			GSFC			14-Jan-71	SCIENCES	SIGNIFICANT ACCOMPLISHMENTS IN SCIENCES			
15	4			NASA				PROJECT MGMT	PROJECT MANAGEMENT IN NASA, the system and the men			
15	4			SCEL			01-Dec-52	HUMAN ENGINEERING	HUMAN ENGINEERING			
15	4			SCEL			27-Oct-55	S-BAND ANTENNA	S-BAND SERVO CONTROLLED RECEIVING & TRANSMITTING ANTENNA SYS AS585 (XE-I)U			
15	4			GSFC			5-9MAR73	EARTH RESOURCES TECH	SYMPOSIUM ON SIGNIFICANT RESULTS OBTAINED FROM EARTH RESOURCES TECHNOLOGY SATELLITE - 1, VOL II SUMMARY			
15	4			STANFORD			Aug-66	SOLAR PROBE	ICARVS - PRELIM DESIGN OF AN ADVANCED SOLOR PROBE			
15	4						16-Jun-71	PLENARY CONFERENCE	RECORD OF PROCEEDINGS OF FIRST PLENARY CONFERENCE (NASA/ARC UNIVERSITY AGREEMENTS , 4-5FEB71) AT UNIV SANTA CLARA			
15	4			NASA/ARC	SPP-266			CIVIL AVIATION	CIVIL AVIATION RESEARCH & DEVELOPMENT POLICY STUDY - SUPPORTING PAPERS			
15	4			NASA				CIVIL AVIATION	CIVIL AVIATION RESEARCH & DEVELOPMENT POLICY STUDY - REPORT			
15	4			JPL			01-Apr-69	MAJOR PLANETS	A BRIEF STUDY OF THE MAJOR PLANETS - JUPITER, SATURN, URANUS & NEPTUNE			
15	4			NASA			15-19NOV71	SPACE	SPACE FOR MANKIND'S BENEFIT			
15	4			NASA	SP-349			ENCOUNTER	PIONEER ODDYSSEY, ENCOUNTER WITH A GIANT			
15	4			NASA	SP-349			ENCOUNTER	PIONEER ODDYSSEY, ENCOUNTER WITH A GIANT - REVISED			
15	4			JGR			AUG30DEC80	PIONEER VENUS	PIONEER VENUS, VOL 85, NO. A13 - JOURNAL OF GEOPHYSICAL RESEARCH			
15	4			RCA	PT-60			PHOTOTUBE-PHOTOCELL	PHOTOTUBE & PHOTOCELLS			
15	4			RCA	SC-13			TRANSISTOR	TRANSISTOR MANUAL			
15	4			NASA/ARC				PV MISSION	PIONEER VENUS MISSION			
15	4			TRW			Dec-69	PN 6-9	PIONEER SPACECRAFT PROJECT, MISSION 6 THROUGH 9. FINAL PROJECT REPORT			
15	4			NASA	SP-278			INTERPLANETARY PIONEERS	THE INTERPLANETARY PIONEERS. VOL I SUMMARY			
15	4			AIAR	68-36			SOLAR WEATHER	SOLAR WEATHER MONITORING - PIONEER PROJECT			
15	4			NASA/ARC	503			PN 6-9	PIONEER 6-9			
15	4			NASA	68-129			PRESS	PIONEER D - PRESS KIT			
15	4			NASA			17-20JUN69	S/C PROGRAM	PIONEER SPACECRAFT PROGRAM			
15	4			VAN ALLEN, JA	87-26			PROTONS	INTERPLANETARY PROTONS			
15	4			NASA	NASA TN D-5668		Feb-70	METEOROID	STATISTICAL ANALYSIS OF METEOROID PENETRATION DATA INCLUDING EFFECTS OF CUTOFF			

PIONEER PROJECT
PIONEER VENUS
PIONEER SATURN ENCOUNTER

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	TYPE	SUBJECT	FROM	TO
16	**1**								***PIONEER VENUS ELECTRICAL SYSTEM***		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK, PART # 3385094-100, S/N 7		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK, PART # 3385094-100, S/N 18		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK, PART # 3385094-100, S/N 17		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK, PART # 3385094-100, S/N 16		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK, PART # 3385094-100, S/N 15		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - PROBE BATTERY-SMALL, PART #3885372-100, S/N 021		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - CURRENT SENSOR-SOLAR PANEL, PART #3385096-100, S/N 3		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - CURRENT SENSOR-VOLTAGE LIMITER, PART #3885096-101, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - PROBE BATTERY-LARGE, PART #3885272-100, S/N 016		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK FLT UNIT, PART # 3385094-100, S/N 8		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK FLT UNIT, PART # 3385094-100, S/N 9		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK FLT UNIT, PART # 3385094-100, S/N 10		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK FLT UNIT, PART # 3385094-100, S/N 11		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK FLT UNIT, PART # 3385094-100, S/N 12		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK FLT UNIT, PART # 3385094-100, S/N 13		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - BATTERY PACK FLT UNIT, PART # 3385094-100, S/N 14		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - BATTERY CHARGE/DISCHARGE CONTROLLER, PART # 3385096-100, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - BATTERY CHARGE/DISCHARGE CONTROLLER, PART # 3385096-100, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - POWER INTERFACE UNIT-ORB, PART #3885098-100, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - BATTERY CHARGE/DISCHARGE CONTROLLER, PART #3385095-100, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - BATTERY CHARGE/DISCHARGE CONTROLLER-ORB, PART #3385095-100, S/N 3		
16	1			HAC				ELEC POWER SUBSYS	PV - QUALIFICATION - POWER INTERFACE UNIT - LG PRB, PART #3385274-100, S/N 1(QUAL)		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - POWER INTERFACE UNIT-SML PRB, PART #3385374-100, S/N 4		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - POWER INTERFACE UNIT-SML PRB, PART #3385374-100, S/N 3		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - POWER INTERFACE UNIT-SML PRB, PART #3385374-100, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - POWER INTERFACE UNIT-SML PRB, PART #3385374-100, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - POWER INTERFACE UNIT-BUS S/C, PART #3385097-100, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - QUALIFICATION - POWER INTERFACE UNIT - BUS S/C, PART #3885097-100, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - QUALIFICATION - POWER INTERFACE UNIT - ORB, PART #3385098-100, S/N 1(QUAL)		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - PROBE BATTERY-SML, PART #3885372-100, S/N 018		
16	1			HAC				ELEC POWER SUBSYS	PV - FLT ACCEPTANCE - PROBE BATTERY-SML, PART #3885372-100, S/N 022		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - CURRENT SENSOR-SCI ORB, PART #3385096-103, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - CURRENT SENSOR-VOLTAGE LIMITER -ORB, PART #3385096-100, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - CURRENT SENSOR-SOLAR PANEL ORB, PART 33385096-100, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - QUALIFICATION - CURRENT SENSOR, PART #3385096-100, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - NICKEL/CADMIUM BATTERY PACK, PART 33385094-100, S/N 5&6		
16	1			HAC				ELEC POWER SUBSYS	PV - QUALIFICATION - NICKEL/CADMIUM BATTERY PACK, PART 33385094-100, S/N 1&2		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - BATTERY PACK, PART #3385094-101, S/N 1 THROUGH 4		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - BATTERY CHARGE/DISCHARGE CONTROLLER-BUS, PART #3385095-100, S/N 4		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - BATTERY CHARGE/DISCHARGE CONTROLLER-BUS, PART #3385095-100, S/N 5		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART 33385093-100-1, S/N 5		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART #3385093-100-1, S/N 4		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART #3385093-100-1, S/N 3		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART #3385093-100-1, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART #3385093-100-2, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART #3385093-100-2, S/N 6		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART #3385093-100-2, S/N 5		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER BUS, PART #3385093-100-1, S/N 7		

16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER BUS, PART #3385093-100-1, S/N 6		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-BUS, PART #3385093-100-1, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - QUALIFICATION - UNDERVOLTAGE/OVERLOAD SWITCH, PART #3385099-100, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - UNDERVOLTAGE/OVERLOAD SWITCH-BUS, PART #3385099-100, S/N 3		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - POWER INTERFACE UNIT-LG PRB. PART #3385274-100, S/N 2		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - CURRENT SENSOR SCI BUS, PART #3385096-102, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - SOLAR PANEL ORB, PART #3385092-100, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - SOLAR PANEL BUS, PART #3385091-100, S/N 1		
16	1			HAC				ELEC POWER SUBSYS	PV - QUALIFICATION - VOLTAGE LIMITER, PART #3385093-100-2, S/N 1(QUAL)		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER SPARE UNIT, PART #3385093-100-1, S/N 8		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART #3385093-100-2, S/N 3		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - VOLTAGE LIMITER-ORB, PART #3385093-100-2, S/N 4		
16	1			HAC				ELEC POWER SUBSYS	PV - ACCEPTANCE - UNDERVOLTAGE/OVERLOAD SWITCH-ORB, PART #3385099-100, S/N 2		
16	**2**								***1976 HAC CORRESPONDENCE, CHANGE TO DOCS., ETC.***		
16	2						1976	HAC CORRESPONDENCE	1976 - HAC CORRESPONDENCE AND CHANGE DOCS ETC		
16	**3**								***PIONEER PUBLICATIONS***		
16	3			NASATM 81233				JUPITER/SATURN	PIONEER: FIRST TO JUPITER/SATURN & BEYOND-BIBLIOGRAPHY		
16	3							JUPITER/SATURN	PIONEER FIRST TO JUPITER/SATURN & BEYOND		
16	3			GEO PHY	20-23			PVO	PIONEER VENUS ORBITER: ENTRY PHASE		
16	**4**								***PIONEER 10/11 PROPULSION DRAWINGS***		
16	4						1966-1969	PROPULSION DWGS	PIONEER 10/11 PROPULSION DWGS		

PIONEER PROJECT
PIONEER VENUS
PIONEER F/G

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	TYPE	SUBJECT	FROM	TO
17	**1**								***PIONEER VENUS - MICROFICHE***		
17	1								PIONEER VENUS MICROFICHE		
17	**2**								***PIONEER VENUS - MICROFICHE***		
17	2								PIONEER VENUS MICROFICHE		
17	**3**								***PIONEER VENUS - MICROFICHE***		
17	3								PIONEER VENUS MICROFICHE		
17	**4**								***PIONEER VENUS - MICROFICHE***		
17	4								PIONEER VENUS MICROFICHE		
17	**5**								***EMPTY***		
17	5								EMPTY		
17	**6**								***PIONEER F/G - MICROFICHE***		
17	6								PIONEER F/G MICROFICHE		
17	**7**								***PIONEER F/G - MICROFICHE***		
17	7								PIONEER F/G MICROFICHE		
17	**8**								***UNIDENTIFIED MICROFICHE***		
17	8								MICROFICHE - UNIDENTIFIED		
17	**9**								***UNIDENTIFIED MICROFICHE***		
17	9								MICROFICHE - UNIDENTIFIED		
17	**10**								***UNIDENTIFIED MICROFICHE***		
17	10								MICROFICHE - UNIDENTIFIED		

PIONEER PROJECT
PIONEER VENUS
MA SMITH FILES

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	TYPE	SUBJECT	FROM	TO
18	**1**								***1974 HAC CORRESPONDENCE, CHAGES TO DOC, ETC.***		
18	1						1974	CORRESPONDENCE	1974 - HAC CORRESPONDENCE, CHANGES TO DOCUMENTS, ETC.		
18	**2**								***M. A. SMITH - PN 10/11/12, HQ, PSG & SSG MEETINGS***		
18	2							PN 10/11 & 12	MA SMITH PN 10-11-12 FILES & OTHER DATA		
18	**3**								***M. A. SMITH - PVO ENGINEERING***		
18	3							ENGINEERING	MA SMITH ENGINEERING FILES		
18	**4**								***M. A. SMITH - PVO ENGINEERING***		
18	4							ENGINEERING	MA SMITH ENGINEERING FILES		
18	**5**								***M. A. SMITH - PVO ENGINEERING***		
18	5							ENGINEERING	MA SMITH ENGINEERING FILES		

PIONEER PROJECT
PIONEER VENUS

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	TYPE	SUBJECT	FROM	TO
19	**1**								***PV SPACECRAFT - SYS DESIGN STUDY***		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT -VOL 1, PART 1, SEC 1-4 TECHNICAL ANALYSIS & TRADEOFFS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT -VOL 1, PART 2, SEC 5-6 TECHNICAL ANALYSIS & TRADEOFFS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT -VOL 1, PART 3, SEC 7 TECHNICAL ANALYSIS & TRADEOFFS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT -VOL 1, PART 4, SEC 8-12 TECHNICAL ANALYSIS & TRADEOFFS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - VOL 11 PRELIMINARY PROGRAM DEVELOPMENT PLAN		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT- VOL 111 SPECIFICATIONS		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - EXECUTIVE SUMMARY		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - APPENDICES TO VOL I, SEC 3-6		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - APPENDICES TO VOL I, SEC 7		
19	1			TRW			29-Jul-73	PV S/C DESIGN STUDY	SYSTEMS DESIGN STUDY OF PIONEER VENUS SPACECRAFT - APPENDICES TO VOL I, SEC 8-11		
19	**2**								***PIONEER VENUS STAR SENSOR / SUN SENSOR***		
19	2			HAC			1974-1976	SUN SENSOR	PV - SUN SENSOR DESIGN REVIEW NOTICE, TEST SPEC., CLOSEOUT DOC		
19	2			HAC			1976-1977	SUN SENSOR	PV - SUN SENSOR - TEST DATA PACKAGES		
19	2			HAC			1975-1976	SUN SENSOR	PV - SUN SENSOR - TEST SPECS, FDR CLOSEOUT, DESIGN REVIEW NOTICE		
19	2			BBRC			1976	STAR SENSOR	PV - STAR SENSOR DWGS, SYS ENGINEERING REPORT		
19	2			BBRC	HS507-1396-217		26-May-77	STAR SENSOR	END-ITEM DATA PKG FOR PV STAR SENSOR, BBRC P/N 48825.1, BBRC S/N 03, HAC S/N		
19	2			BBRC	HS507-1396-219			STAR SENSOR	RADIOMETRIC CALIBRATION & STAR CATALOG, A SUPPLEMENT		
19	2			BBRC	52061			STAR SENSOR	STAR SENSOR ACCEPTANCE TEST PROCEDURE		
19	2			BBRC			03-Mar-76	STAR SENSOR	DESIGN ANALYSIS REPORT SUPPORT DOCUMENT FOR PIONEER VENUS PROGRAM		
19	2			BBRC				STAR SENSOR	STAR SENSOR SCHMATIC DIAGRAMS		
19	2			BBRC			24-Jun-75	STAR SENSOR	STAR SENSOR PRELIMINARY DESIGN REVIEW		
19	2			BBRC	HS507-1396-108		19-Sep-75	STAR SENSOR	DETECTOR SIGNAL CHARACTERISTICS DEMONSTRATION RPT STAR SENSOR UNIT / PV		
19	2			BBRC	HS507-1396-105		03-Mar-76	STAR SENSOR	SIGNAL ANALYSIS AMMENDMENT #2 - STAR SENSOR UNIT		
19	2			BBRC	HS507-1396-34		04-Jun-75	STAR SENSOR	DEVELLOPMENT TEST STATUS STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-11396-51	1	12-Nov-75	STAR SENSOR	THERMAL ANALYSIS REPORT STAR SENSOR UNIT PPIONEER VENUS PROGRAM		
19	2			BBRC	HS507-13396-32		04-Jun-75	STAR SENSOR	DETAILED ANALYSIS TRADE-OFF STUDIES STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-1396-51		16-Jul-75	STAR SENSOR	THERMAL ANALYSIS REPORT STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-1396-25		15-May-75	STAR SENSOR	SIGNAL ANALYSIS STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC			03-Mar-76	STAR SENSOR	DESIGN ANALYSIS STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	2			BBRC	HS507-1396-215		05-May-77	STAR SENSOR	TEST REPORT QUALIFICATIONS STAR SENSOR UNIT BBRC S/N 02, HAC S/N 1		
19	2			HAC	HS507/4925		31-Mar-76	STAR SENSOR	PIONEER VENUS STAR SENSOR PRELIMINARY DESIGN REVIEW ACTION ITEM SUMMARY	G ZIMMER	A NEIL
19	2			HAC	PS31639-051	B	23-Dec-75	STAR SENSOR	PROCEDURE SPECIFICATION FOR PIONEER VENUS PROGRAM STAR SENSOR		
19	2			HAC	PS31639-051	B	31-Mar-75	STAR SENSOR	PROCEDURE SPECIFICATION FOR PIONEER VENUS PROGRAM STAR SENSOR		
19	2			HAC	PS31639-051	B	19-Jun-75	STAR SENSOR	PROCEDURE SPECIFICATION FOR PIONEER VENUS PROGRAM STAR SENSOR		
19	2			BBRC			14-May-75	STAR SENSOR	SIGNAL ANALYSIS FOR PIONEER VENUS STAR SENSOR		
19	2			BBRC	HS507-1396-35		05-Jun-75	STAR SENSOR	PLANS FOR TESTING PIONEER VENUS STAR SENSOR UNIT		
19	2			BBRC	HS507-1396-116		09-Apr-76	STAR SENSOR	FINAL DESIGN REVIEW MINUTES FOR PIONEER VENUS STAR SENSOR UNIT		
19	2			HAC				STAR SENSOR	STAR SENSOR WAIVERS		
19	2			HAC	HS507-139660199		18-Feb-77	STAR SENSOR	STAR SENSOR FAILURE & MALFUNCTION REPORTS		
19	2			BBRC				STAR SENSOR	ENGINEERING MODEL UNIT DATA LOG STAR SENSOR UNIT PIONEER VENUS PROGRAM		
19	**3**								***PIONEER VENUS AWARDS AND BIBLIOGRAPHY - ECLIPSE SEASONS - UADS***		
19	3			NASA/ARC			1985	BIBLIOGRAPHIES	PIONEER VENUS BIBLIOGRAPHY		
19	3			NASA/ARC				AWARD CERTIFICATES	PIONEER VENUS AWARD CERTIFICATES		
19	3			NASA/ARC				ECLIPSE SEASON	PV 1ST ECLIPSE SEASON - ORBITS 24-124		
19	3			NASA/ARC				ECLIPSE SEASON	PV 2ND ECLIPSE SEASON - ORBITS 247-349		
19	3			NASA/ARC				ECLIPSE SEASON	PV 3RD ECLIPSE SEASON - ORBITS 472-573		

19	3			NASA/ARC				ECLIPSE SEASON	PV 4TH ECLIPSE SEASON - ORBITS 7001-789		
19	3			NASA/ARC				ECLIPSE SEASON	PV 5TH ECLIPSE SEASON - ORBITS 9300-1010		
19	3			NASA/ARC				ECLIPSE SEASON	PV 6TH ECLIPSE SEASON - ORBITS 1157-1232		
19	3			NASA/ARC				ECLIPSE SEASON	PV 7TH ECLIPSE SEASON - ORBITS 1384-1455		
19	3			NASA/ARC				ECLIPSE SEASON	PV 8TH ECLIPSE SEASON - ORBITS 1611-1681		
19	3			NASA/ARC				ECLIPSE SEASON	PV 9TH ECLIPSE SEASON - ORBITS 1838-1900		
19	3			NASA/ARC				ECLIPSE SEASON	PV 10TH ECLIPSE SEASON - ORBITS 2062-2124		
19	3			NASA/ARC				ECLIPSE SEASON	PV 11TH ECLIPSE SEASON - ORBITS 2289-2348		
19	3			NASA/ARC				ECLIPSE SEASON	PV 12TH ECLIPSE SEASON - ORBITS 2512-2574		
19	3			NASA/ARC				ECLIPSE SEASON	PV 13TH ECLIPSE SEASON - ORBITS 2739-2797		
19	3			NASA/ARC				ECLIPSE SEASON	PV 14TH ECLIPSE SEASON - ORBITS 2963-3020		
19	3			NASA/ARC				ECLIPSE SEASON	PV 15TH ECLIPSE SEASON - ORBITS 3187-3248		
19	3			NASA/ARC				ECLIPSE SEASON	PV 16TH ECLIPSE SEASON - ORBITS 3412-3473		
19	3			NASA/ARC				ECLIPSE SEASON	PV 17TH ECLIPSE SEASON - ORBITS 3635-3699		
19	3			NASA/ARC				ECLIPSE SEASON	PV 18TH ECLIPSE SEASON - ORBITS 3859-3924		
19	3			NASA/ARC				ECLIPSE SEASON	PV 19TH ECLIPSE SEASON - ORBITS 4082-4151		
19	3			NASA/ARC				ECLIPSE SEASON	PV 20TH ECLIPSE SEASON - ORBITS 4305-4378		
19	3			NASA/ARC				ECLIPSE SEASON	PV 21ST ECLIPSE SEASON - ORBITS 4527-4605		
19	3			NASA/ARC				ECLIPSE SEASON	PV 22ND ECLIPSE SEASON - ORBITS 4748-4834		
19	3			NASA/ARC				ECLIPSE SEASON	PV 23RD ECLIPSE SEASON - ORBITS 4966-5065		
19	3			NASA/ARC			1981	UADS	PV - UADS "MAILBOX MESSAGES & USAGE PRINTOUTS		
19	3			NASA/ARC			1983-1984	UADS	PV - UADS COMMITTEE		
19	3			NASA/ARC				UADS	PV - UADS CONVERSION		
19	3			NASA/ARC				UADS	PV - UADS CONTRACTS & INFORMATION		
19	3			NASA/ARC				UADS	PV - UADS - ASSORTED DATA		
19	**4**								***PIONEER VENUS - ACS - DCE - ADP - BAPTA - PROPULSION, ETC.***		
19	4			HAC	HS507/3354		21-Jul-75	ACS	STATUS REPORT #2 - CONTROLS SUBSYSTEM PRELIMINARY DESIGN REVIEW RECOMMENDATIONS - ACS	A NEIL	DISTRIBUTION
19	4			HAC	HS507/3969		10-Oct-75	PHASE LOCK LOOP	PIONEER VENUS PHASE LOCK LOOP PERFORMANCE CHARACTERISTICS	D MACGUGAN	A NEIL
19	4							JET LAYOUT	PIONEER VENUS JET LAYOUT / ASSIGNMENT CALIBRATIONS		
19	4			HAC	HS507/2571		10-Apr-75	ATTITUDE DATA PROCESSOR	DESIGN REVIEW - ATTITUDE DATA PROCESSOR		
19	4			NASA/HAC			20-May-76	STAR SENSOR	PIONEER VENUS STAR SENSOR SOLAR FLARE RADIATION		G ZIMMER
19	4			HAC	HS507-4175		17-Nov-75	BAPTA	PV - BAPTA DESIGN REVIEW		
19	4			HAC			1976	BAPTA	PV - BAPTA DETAILED PROCESS SPEC		
19	4			HAC			1975	ACS	PV - NUTATION DAMPER - ACS		
19	4			HAC			1975	BAPTA	PV - BAPTA - ASSORTED DATA		
19	4			HAC			1975-1977	ALERTS	PV - IMPACT ALERTS - FLIGHT OPS.		
19	4			HAC			1976	BAPTA	PV - BAPTA, P/N 3385065-100, S/N 001, FLIGHT ACCEPTANCE TEST & OTHER DATA		
19	4			HAC			1975-1978	HGA	PV - HGA POINTING CONTROL		
19	4			HAC			1975-1976	HGA	PV - HGA DESIGN REVIEW, SPECS & SPEC CHANGE NOTICES		
19	4			HAC/FANSTEEL			1973-1975	HYDRAZINE	PV - HYDRAZINE TANK - PROD. SPECS., FDR, DWGS, SOW, ETC		
19	4			HAC			1975	PROPULSION	PV - PROPULSION / OIM SUBSYSTEM CLOSEOUT, PDR, ETC.		
19	4			HAC			1974-1975	PROPULSION	PV - PROPULSION SUBSYSTEM, ORBITER / BUS		
19	4			JPL/NASA/ARC			1971-1972	ATTITUDE	PV - ATTITUDE DISTURBANCES (SOLAR PRESSURE & SOLAR RADIATION FORCES AND TORQUES)		
19	4			HAC			1974-1976	ATTITUDE	PVO - DISTURBANCES & TORQUES - (SOLAR)		
19	**5**								***EMPTY***		
19	5							EMPTY	EMPTY		

PIONEER PROJECT
PIONEER 6-9
PIONEER VENUS

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	TYPE	SUBJECT	FROM	TO
20	**1**								***PIONEER 6-9***		
20	1			SYLVANIA			1969	MULTIPAC	MULTIPAC DRAWINGS		
20	1			NASA/ARC			1966	PN 7 CRITQUES	PIONEER 7 - CRITQUES		
20	1			NASA/ARC	PC-185.00			PN 8/9-COMPUTER	PIUONEER 8/9 OPERATIONAL COMPUTER PROGRAM TEST PROCEDURE		
20	1			NASA/ARC				PIONEER VI MISSION	PIONEER VI MISSION		
20	1			NASA/ARC			1967-1970	POP 67/1 THROUGH 70/2	POP 67/1 THROUGH 70/2		
20	1			TRW	8830-28		Dec-69	PN S/C PROJ	PIONEER SPACECRAFT PROJECT - FINAL PROJECT REPORT		
20	1			TRW			1964-1965	SOLAR SAIL	PIONEER SOLAR SAIL (LONG TERM DRIFT)		
20	1			OSSA/ARC			19-Mar-70	PN A/E PROJ MGMT RPT	PIONEER A-E - PROJECT MANAGEMENT REPORT		
20	1			OSSA/ARC			19-Mar-70	PN F/G PROJ MGMT RPT	PIONEER F-G - PROJECT MANAGEMENT REPORT		
20	1			OSSA/ARC			21-May-70	PN A/E PROJ MGMT RPT	PIONEER A-E - PROJECT MANAGEMENT REPORT		
20	1			OSSA/ARC			17-Sep-70	PN A/E PROJ MGMT RPT	PIONEER A-E PROJECT MANAGEMENT REPORT		
20	1			OSSA/ARC			23-Sep-71	PN A/E PROJ MGMT RPT	PIONEER A-E - PROJECT MANAGEMENT REPORT		
20	1			OSSA/ARC			17-Jun-71	PN A/E PROJ MGMT RPT	PIONEER A-E - PROJECT MANAGEMENT REPORT		
20	1			OSSA/ARC			Sep-70	BIOSATELLITE	BIOSATELLITE - PROJECT MANAGEMENT REPORT		
20	**2**								***TRW - 1965 BLACK BOX TEST, ACCEPTANCE, QUALIFICATION REPORTS***		
20	2			TRW	NAS2-1700		30-Mar-67	SUN SENSOR	BLACK BOX TEST DATA PKG -SUN SENSOR E, PART # 214782, S/N 9		
20	2			TRW	NAS2-1700		30-Mar-76	SUN SENSOR	BLACK BOX TEST DATA PKG -SUN SENSOE B/D, PART # 214770, S/N 016		
20	2			TRW	NAS2-1700		30-Mar-67	SUN SENSOR	BLACK BOX TEST DATA PKG - SUN SENSOR E, PART # 214782, S/N 010		
20	2			TRW	NAS2-1700		30-Mar-67	SUN SENSOR	BLACK BOX TEST DATA PKG - SUN SENSOR E, PART #214782, S/N 011		
20	2			TRW	NAS2-1700		30-Mar-67	SUN SENSOR	BLACK BOX TEST DATA PKG - SUN SENSOR A/C, PART # 214782, S/N 015		
20	2			TRW	NAS2-1700		30-Mar-67	SUN SENSOR	BLACK BOX TEST DATA PKG - SUN SENSOR A/C, PART # 214782, S/N 019		
20	2			TRW	NAS2-1700		30-Mar-67	SUN SENSOR	BLACK BOX TEST DATA PKG - SUN SENSOR A/C, PART # 214782, S/N 017		
20	2			TRW	NAS2-1700		30-Mar-67	SUN SENSOR	BLACK BOX TEST DATA PKG - SUN SENSOR B/D, PART # 214770, S/N 015		
20	2			TRW			08-Sep-65	SUN SENSOR	ACCEPTANCE TEST REPORT- SUN SENSOR A & C, PART # 214785-1, S/N 002		
20	2			TRW			12-Oct-65	SUN SENSOR	ACCEPTANCE TEST REPORT -SUN SENSOR A & C, PART # 214785, S/N 009		
20	2			TRW			11-Oct-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR E, PART #214782-1, S/N 004		
20	2			TRW			09-Sep-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR E, PART # 214782-2, S/N 002		
20	2			TRW			13-Oct-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR A & C, PART #214785, S/N 007		
20	2			TRW			08-Sep-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR A & C, PART # 314785-1, S/N 001		
20	2			TRW			08-Sep-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR B & D, PART #214770-1, S/N 009		
20	2			TRW			10-Nov-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR B & D, PART #214770-1, S/N 014		
20	2			TRW			09-Sep-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR B & D, PART #214770-1, S/N 005		
20	2			TRW			10-Nov-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR A & C, PART #214785-1, S/N 011		
20	2			TRW			09-Sep-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR E, PART #214782-1, S/N 002		
20	2			TRW			01-Dec-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR B & D , PART #214770-1, S/N 006		
20	2			TRW			02-Dec-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR B & D, PART #214770-1, S/N 012		
20	2			TRW			09-Nov-65	SUN SENSOR	ACCEPTANCE TEST REPORT - SUN SENSOR E, PART # 214782-1, S/N 005		
20	2			TRW			26-Oct-65	SUN SENSOR	QUALIFICATION TEST REPORT - SUN SENSOR B & D, PART # 214770, S/N 007		
20	2			TRW			26-Nov-65	SUN SENSOR	QUALIFICATION TEST REPORT - SUN SENSOR E, PART # 214782, S/N 001		
20	2			TRW			26-Oct-65	SUN SENSOR	QUALIFICATION TEST REPORT - SUN SENSOR A/C, PART #214785, S/N 012		
20	2			TRW			26-Oct-65	SUN SENSOR	QUALIFICATION TEST REPORT - SUN SENSOR A/C, PART #214785, S/N 012		
20	2			TRW	NAS2-1700		12-May-67	SOLENOID	BLACK BOX TEST DATA PKG - SOLENOID VALVE, PART 3 PT2-3017, S/N 370442		
20	2			TRW	NAS2-1700		21-Apr-67	PRESSURE REGULATOR	BLACK BOX TEST DATA PKG - PRESSURE REG. & RELIEF VALVE, PART # PT2-3014, S/N 014		
20	2			TRW	NAS2-1700		21-Apr-67	FILL VALVE	BLACK BOX TEST DATA PKG - FILL VALVE ASSEMBLY, PART # 105089-1, S/N 010		
20	2			TRW			26-Aug-65	FILL VALVE	ACCEPTANCE TEST REPORT - FILL VALVE ASSEMBLY, PART #105089, S/N 003		
20	2			TRW			08-Sep-65	PT2-3015B, S/N 3	ACCEPTANCE TEST REPORT - PART # PT2-3015B, S/N 003		
20	2			TRW			20-Jul-65	PRESSURE SWITCH	ACCEPTANCE TEST REPORT - FINAL - PRESSURE SWITCH, PART #PT2-3016, S/N 004		
20	2			TRW			12-Nov-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - SOLENOID VALVE, PART #PT2-3017, S/N 331967		
20	2			TRW			26-Aug-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - FILL VALVE ASSEMBLY, PART #105089, S/N 003		
20	2			TRW			28-Jul-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - ORIENTATION ELECTRONICS ASSEMBLY, PART #215232, S/N 001		
20	2			TRW			12-Nov-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - HIGH PRESSURE TRANSDUCER, PART #PT2-3015B, S/N1000		
20	2			TRW			01-Dec-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - PRESSURE REGULATOR & RELIEF VALVE, PART #PT2-3014, S/N010		
20	2			TRW			27-Oct-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - PRESSURE SWITCH, PART #PT2-3016, S/N 006		
20	2			TRW			12-Nov-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - HIGH PRESSURE TRANSDUCER, PART #PT2-3015B, S/N 1001		

20	2			TRW			12-Nov-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - PRESSURE SWITCH, PART #PT2-3016A, S/N 005		
20	2			TRW			17-Sep-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - ORINTATION ELECTRONICS ASSEMBLY, PART # 215232-1, S/N 003		
20	2			TRW			12-Nov-65	SOLENOID VALVE	ACCEPTANCE TEST REPORT - ORIENTATION ELECTRONICS ASSEMBLY, PART #215232-1, S/N 005		
20	2			TRW			03-Feb-66	SOLENOID VALVE	ACCEPTANCE TEST REPORT - SOLENOID VALVE, PART #PT2-3017, S/N 331968		
20	2			TRW			25-Oct-65	SOLENOID VALVE	QUALIFICATION TEST REPORT - SOLENOID VALVE, PART #PT2-3017, S/N 331969 & PRESSSURE SWITCH, PART # PT2-3016, S/N 003		
20	2			TRW			23-Nov-65	FILL VALVE ASSY	QUALIFICATION TEST REPORT - FILL VALVE ASSEMBLY, PART #10589-1, S/N 004, PRESSURE REGULATOR & RELIEF VALVE, PART # PT2-3014, S/N 012, HIGH PRESSURE TRANSDUCER, PART # PT2-3015, S/N 1005		
20	2			TRW			01-Dec-65	ELECTRONICS	QUALIFICATION TEST REPORT - ORIENTATION ELECTRONICS ASSEMBLY, PART #215232-1, S/N 002		
20	**3**								***HAC 1975 CORRESPONDENCE - DOCUMENTS., ETC.***		
20	3			HAC			1975	CORRESPONDENCE	1975 HAC CORRESPONDENCE, CHANGE TO DOCS, ETC.		
20	**4**								***HAC 1975 CORRESPONDENCE - DOCUMENTS., ETC.***		
20	4			HAC			1975	CORRESPONDENCE	1975 HAC CORRESPONDENCE, CHANGE TO DOCS, ETC.		

PIONEER PROJECT

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
21	**1**								***PN F/G - PROJECT MGMT RPTS & POP79-2 COST ANALYSIS***		
21	1			NASA/ARC	POP79-2			PN COST ANALYSIS	PIONEER COST ANALYSIS PROGRAM - PRINTOUTS		
21	1			OSS/ARC			1969-1974	MGMT RPTS	PIONEER F/G (10/11) PROJECT MANAGEMENT REPORTS		
21	**2**								***1975 HAC CORRESPONDENCE, CHANGE TO DOCUMENTS, ETC.***		
21	2						1975	CORRESPONDENCE	1975 HAC CORRESPONDENCE, CHANGE TO DOCS, ETC.		
21	**3**								***PIONEER -MIXED***		
21	3			NASA/ARC				PN OUTER PLANETS ORB	*PIONEER OUTER PLANETS ORB APPENDICES*		
21	3			NASA				PN OUTER PLANETS ORB	*PIONEER OUTER PLANETS ORB*		
21	3				PSD17			MARS ATMOSPHERE	*NASA CR-5300 AVCO FEASIBILITY STUDY: PROPERTIES OF MARS ATMOSPHERE*		
21	3				PSD04			LUNAR PLANETARY PROGRAM	*DOLLAR/MANPOWER SURVEY OF LUNAR PLANETARY PROG...*		
21	3			MCDD			02-Aug-73	ATMOSPHERE PROBE	*SATURN/URANUS ATMOSPHERE PROBE-ASSEMBLY & FABRICATION OF ENGINEERING MODEL*		
21	3			SAI			20-Sep-73	AUTOMATED PROJECTS	*MANPOWER ESTIMATION MODEL/COST ESTIMATION MODEL FOR AUTOMATED PLANETARY PROJECTS*		
21	3			HAC				PIONEER-VENUS CLOSEOUT	*PIONEER-VENUS CLOSEOUT*		
21	3						JUL '73	PAE	*PAE OUTGOING CHRONICLES*		
21	3				MCR73-291		07-Nov-73	HARDWARE DESIGNS	*STUDY OF ADAPTABILITY OF EXISTING HARDWARE DESIGNS TO PIONEER SATURN/URANUS PRB - FINAL RPT*		
21	3						1973	CHISEL/RASMUSSEN	*CHISEL/RASMUSSEN COST ANALYSIS OF LOW COST PIONEER AND PIONEER MISSIONS*		
21	3						1973	CHISEL/RASMUSSEN	*CHISEL/RASMUSSEN COST MODELS*		
21	3						08-May-74	OUTER PLANETS PROBE	*OUTER PLANET PROBE TECHNOLOGY WORKSHOP*		
21	3			NASA			Jul-75	PROBE IN OUTER SOLAR SYS	*ENTRY PROBE IN OUTER SOLAR SYSTEM*		
21	3						1974	OUTER PLANET EXPLORATION	*ROUND TABLE - OUTER PLANET EXPLORATION*		
21	3				SPJ:244-14/5-293		30-Jun-80	AGARD LECTURE	*TCM - TRIP ATMOSPHERIC ELECTRICITY AIRCRAFT INTERACTION (AGARD LECTURE SERIES 110)*		
21	**4**								***PIONEER MIXED***		
21	4			LMSC			14-Dec-76	PV DWGS	*PIONEER VENUS DRAWINGS*		
21	4			LMSC			14-Dec-76	PV DWGS	*PIONEER VENUS DRAWINGS*		
21	4			LMSC			14-Dec-76	PV DWGS	*PIONEER VENUS DRAWINGS*		
21	4			LMSC			15-Oct-76	RPA	*PIONEER VENUS RETARDING POTENTIAL ANALYSER (RPA) & DRAWINGS*		
21	4			LMSC			28-May-09	RPA	*PIONEER VENUS RPA - STATEMENT OF WORK - PV 3871*		
21	4			LMSC			12-Feb-74	RPA	*PIONEER VENUS RPA - PRD*		
21	4			LMSC			03-Nov-75	RPA EGSE	*PIONEER VENUS RPA EGSE COMPUTER PROGRAMMING*		
21	4			LMSC			20-Jun-77	RPA	*PIONEER VENUS RPA SPECIFICATIONS*		
21	4			LMSC			05-Feb-74	RPA	*PIONEER VENUS RPA CONCEPTUAL DESIGN*		
21	4			GMBH			22-Feb-74	RPA	*PIONEER VENUS RPA SENSOR DESIGN REVIEW*		
21	4			LMSC			05-Apr-74	RPA	*PIONEER VENUS RPA EXPERIMENT DESCRIPTION*		
21	4			LMSC			22-Apr-74	RPA	*PIONEER VENUS RPA IMPLEMENTATION PLAN*		
21	4			LMSC			28-Nov-73	RPA	*PIONEER VENUS RPA PROPOSAL*		
21	4						05-Jun-84	SPACE STATION	*SPACE STATION OVERVIEW*	NASA	
21	4							SPACE STATION	*SPACE STATION POP 84-1 SUBMISSION*	ARC	
21	4						1976	ARCFLOW/AEROTHERM	*ARCFLOW - AEROTHERM, VERSION 2 PLUS SAMPLE CALCS*		
21	4						27-Jun-79	AEROTHERM	*AEROTHERM CHEMICAL EQUILIBRIUM JOB-PRINTOUT OF 1OCT80*		
21	4						28-Feb-79	COMPUTER PROGRAM	*MAIN PROGRAM FOR COMPUTING JOVIANS ATMOSPHERIC PROPERTIES*		
21	4							RADIATING SHOCK LAYER	*OUTPUT FOR THE RADIATING SHOCK LAYER ENVIRONMENT*		
21	4						08-Feb-82	AEROTHERM	*AEROTHERM CHARRING MATERIAL THERMAL RESPONSE & ABLATION PROGRAM*		
21	**5**								***PIONEER MIXED***		
21	5				HS507-7179		05-Jan-78	OPTICAL CONTAMINATION	OPTICAL CONTAMINATION TEST RESULTS - PIONEER VENUS		
21	5						22-Aug-77	SAPPHIRE WINDOW	SAPPHIRE WINDOW STATUS - PIONEER VENUS		
21	5						OCT '67	ORB BLANKETS	CONDUCTIVE SURFACE CONTAMINATION / ORBITER BLANKETS		
21	5				HS507-5480		18-Aug-76	RF CORONA	RF CORONA TEST REQUIREMENTS - PIONEER VENUS		
21	5						23-May-78	PRE-SHIP REVIEW	LA GOW - RESPONSE TO PRE-SHIP REVIEW		
21	5							LIFESTAT	REUSABLE REENTRY SATELLITE - LIFESTAT		

21	5						15-May-78	INTERNAL HEATING	INTERNAL HEATING TEST		
21	5						15-Jun-77	DIAMOND WINDOW	DIAMOND WINDOW - PIONEER VENUS		
21	5							MLTPRB PRE-SHIP REVIEW	MULTIPROBE PRE-SHIP REVIEW PIONEER-VENUS		
21	5			HAC			13-Mar-78	BATTERY REVIEW	BATTERY REVIEW - PIONEER/VENUS		
21	5							LARGE PROBE	LARGE PROBE PRESENTATION - PIONEER/VENUS		
21	5						21-Jul-78	SSG	SCIENCE STEERING GROUP PIONEER/VENUS		
21	5			HAC			29-Sep-78	PROBE LEAK RATE	PROBE LEAK RATE INFORMATION PIONEER/VENUS		
21	5						12-Jan-76	ORB APERATURE	ORBITER APERATURE HEAT LOAD-PIONEER/VENUS		
21	5						02-Aug-78	SMALL PROBE	SMALL PROBE 2 SYS DESCENT SIMULATION-PIONEER/VENUS		
21	5						20-Dec-71	STAR SENSOR	STAR SENSOR THERMAL PROBLEM - PIONEER/VENUS		
21	5			HAC	HS507-7855		15-Apr-78	PROBE WINDOW	PROBE WINDOW EXTERNAL CONTAMINATION-PIONEER/VENUS		
21	5						1973-1974	J GIVEN'S LOG	J GIVENS LOG - PIONEER PROJECT		
21	5				HS507-4134-H		27-Apr-76	PBOBES	LARGE & SMALL PROBE TEST ACCESS CONNECTOR CONFIGURATION		
21	5				HS507-7058		30-Aug-77	SMALL PROBE	SMALL PROBE #1 DESCENT TEMP. - POST TEST CRITIQUE		
21	5			HAC	HS507-7485		30-Jan-78	STM BUS	VACUUM BAKEOUT OF STM BUS SOLAR PANEL		
21	5						JUL '68	LIFE SUPPORT	LIFE SUPPORT & PROTECTIVE EQUIPMENT WORKBOOK		
21	5						5/73-8/75	J GIVEN'S LEDGER	J GIVENS LEDGER		
21	5			NASA			16-Mar-77	FLOW FIELD	FLOW FIELD - MASLEN TECHNIQUE		
21	5			HARVARD			1962	HELIUM	THERMODYNAMIC PROPERTIES OF HELIUM TO 50,000 DEGREES		
21	5						14-Dec-76	PV DWGS	PIONEER VENUS DRAWINGS		
21	5			LMSC			14-Dec-76	PV DWGS	PIONEER VENUS DRAWINGS		
21	5			LMSC			14-Dec-76	PV DWGS	PIONEER VENUS DRAWINGS		
21	5			LMSC			15-Oct-76	RPA	PIONEER VENUS RETARDING POTENTIAL ANALYSER (RPA) & DRAWINGS		
21	5			LMSC			28-May-09	RPA	PIONEER VENUS RPA - STATEMENT OF WORK - PV 3871		
21	5			LMSC			12-Feb-74	RPA	PIONEER VENUS RPA - PRD		
21	5			LMSC			03-Nov-75	RPA EGSE	PIONEER VENUS RPA EGSE COMPUTER PROGRAMMING		
21	5			LMSC			20-Jun-77	RPA	PIONEER VENUS PRA SPECIFICATIONS		
21	5			LMSC			05-Feb-74	RPA	PIONEER VENUS RPA CONCEPTUAL DESIGN		
21	5			LMSC			22-Feb-74	RPA	PIONEER VENUS RPA SENSOR DESIGN REVIEW		
21	5			GMBH			05-Apr-74	RPA	PIONEER VENUS RPA EXPERIMENT DESCRIPTION		
21	5			LMSC			22-Apr-74	RPA	PIONEER VENUS RPA IMPLEMENTATION PLAN		
21	5			LMSC			28-Nov-73	RPA	PIONEER VENUS RPA PROPOSAL		
21	5			LMS				TITAN	STUDY OF ENTRY & LANDING PROBES FOR EXPLORATION OF TITAN		
21	5			MM				TITAN	STUDY OF ENTRY & LANDING PROBES FOR EXPLORATION OF TITAN - ADDENDUM		
21	5			MM				PROBE TECHNOLOGY	STUDY OF ALTERNATE PROBE TECHNOLOGIES - FINAL REPORT		
21	5			MM				TITAN	ENTRY & LANDING PROBES FOR EXPLORATION OF TITAN VOL II - A) CONTRACT MGMT		
21	5			MM				TITAN	ENTRY & LANDING PROBES FOR EXPLORATION OF TITAN VOL II - B) PRICING PROPOSAL		
21	5			MM				ORB/PROBE MISC	OUTER PLANET ORB/PRB - MISC.		
21	5							TITAN	TITAN ATMOSPHERE & TEMPERATURE - MISC.		
21	5						27-Apr-83	TITAN	TITAN EXPLORATION BY PROBES TO JWG STUDY TEAM ON OUTER PLANETS	BL SWENSON	
21	5				SSS:244-8/39		27-Feb-84	TITAN	JOINT ESA/NASA SATURN/TITAN MISSION STUDY	BL SWENSON	DISTRIBUTION
21	5							TITAN	NEW CONCEPT FOR A TITAN ATMOSPHERIC PROBE	SWENSON/MASCY	
21	5						27-Jun-83	TITAN	NEW TITAN PROBE CONCEPTS TO JWG TEAM ON OUTER PLANETS	BL SWENSON	
21	5				SSS:244-8		07-Sep-83	CODE EL	CODE EL QUARTERLY REVIEW & FY '84 STUDY PLAN	BL SWENSON	DISTRIBUTION
21	5						08-Jul-83	OUTER PLANETS STUDY	2ND MTG OF OUTER PLANETS STUDY TEAM OF JOINT U.S./EUROPEAN WORK GROUP ON	A SEIFF	GUSTAFERRO
21	5							MARK II COMET	FY '84 PRELIM COST ESTIMATES-MARINER MARK II COMET RENDEZVOUS MISSION/COMET NUCLEUS GSPS	NASA	
21	5				S:200-4		26-Mar-84	SPACE STUDIES	ADVANCED SPACE STUDIES/FUTURE PROJECTS	DE WILCOX	SS DIVISION
21	5			HAC	HS507-7665		24-29APR78	MLTPRB S/C PRE-SHIP	PIONEER-VENUS MULTIPLE PROBE S/C PRE-SHIP REVIEW MTG, VOL I - PROBES & AGENDA		
21	5			GE				DECEL MODULE	PIONEER-VENUS CONCEPTUAL DESIGN REVIEW - DECELERATION MODULE		
21	5							COMET NUCLEUS	COMET NUCLEUS PENETRATOR	NASA	
21	5						14-Jun-84	FUTURE/AMES	A PERSPECTIVE ON FUTURE SPACE PROJECT OPPORTUNITIES FOR AMES	BL SWENSON	
21	5						Apr-81	AFTER GALILEO	OUTER PLANET MISSIONS AFTER GALILEO	DG REA	
21	5				UPN:889-50 & 51		Apr-86	RESOURCE REPORT	PIONEER MONTHLY RESOURCE REPORT		
21	5						28-Apr-86	CODE S	CODE S SMALL PROJECT REVIEW CRAF / CNP		
21	5						03-Oct-86	CODE S	CODE S SMALL PROJECT REVIEW CRAF / CNP		

PIONEER PROJECT
PIONEER VENUS

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	TYPE	SUBJECT	FROM	TO
22	**1**								**1975 HAC CORRESPONDENCE, CHANGES TO DOCS.,ETC.**		
22	1			HAC / ARC			1975	CORRESPONDENCE	1975 HAC CORRESPONDENCE AND CHANGE TO DOCS, ETC.		
22	**2**								**1975 HAC CORRESPONDENCE, CHANGES TO DOCS.,ETC.**		
22	2			HAC / ARC			1975	CORRESPONDENCE	1975 HAC CORRESPONDENCE AND CHANGE TO DOCS, ETC.		
22	**3**								**1975 HAC CORRESPONDENCE, CHANGES TO DOCS.,ETC.**		
22	3			HAC / ARC			1975	CORRESPONDENCE	1975 HAC CORRESPONDENCE AND CHANGE TO DOCS, ETC.		
22	**4**								**1975 HAC CORRESPONDENCE, CHANGES TO DOCS.,ETC.**		
22	4			HAC / ARC			1975	CORRESPONDENCE	1975 HAC CORRESPONDENCE AND CHANGE TO DOCS, ETC.		

PIONEER PROJECT

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
23	**1**								***GE / PIONEER VENUS***		
23	1			GE/RESD			13-Mar-75	PROBES	PV MASS PROPERTIES REPORT FOR LARGE & SMALL PROBES		
23	1			GE/RESD			28-Oct-74	THERMODYNAMICS	PV THERMODYNAMICS ANALYSIS FOR PV (CDR)		
23	1			GE/RESD			10-Jan-75	SML PROBE	PV EFFECT OF YO-YO DESPIN ON SMALL PROBE DYNAMICS		
23	1			GE/RESD			17-Oct-74	ATTACK FLOW FIELD	ZERO ANGLE OF ATTACK FLOW FIELD ANALYSIS FOR PV		
23	1			GE/RESD			07-Mar-75	SEPARARTIN SUBSYS	PV - SEPARATION SUBSYSTEM		
23	1			GE/RESD			16-Jan-75	DOF CHARACTERISTICS	INTERIM PV 6 DOF CHARACTERISTICS		
23	1			GE/RESD			13-Mar-75	THERMODYNAMICS	PV THERMODYNAMICS ANALYSIS SUBSYSTEMS - DESIGN REVIEW		
23	1			GE/RESD			25-Nov-74	SMALL PROBE	PV SMALL PROBE ROLL DAMPING & STABILITY IN SUBSONIC ENVIRONMENT - PHASE II - PRE TEST REPORT		
23	1			GE/RESD			13-Mar-75	PARACHUTE SYS	PV PARACHUTE SYSTEMS DESCRIPTION - UPDATE		
23	1			GE/RESD			12-Dec-74	PROBES	SMALL & LARGE PROBES-TRIM ANGLES OF ATTACK/EFFECTS OF WINDS		
23	1			GE/RESD			06-Mar-75	AFT THERMAL COVER	PV LATCH MECHANISM - AFT THERMAL COVER		
23	1			GE/RESD			08-Oct-74	SMALLL PROBE	SMALL PROBE SPIN CONTROL CONSIDERATIONS		
23	1			GE/RESD			08-Mar-75	SMALL PROBE-SUPPORT RING	PV SMALL PROBE INTERFACE LOADS & CRITICAL LOADING ON SUPPORT RING STRUCTURE		
23	1			GE/RESD			17-Oct-74	RGS	RGS AERODYNAMIC COEFICIENTS		
23	1			GE/RESD			20-Jan-75	RUBBER BONDED PRODUCTS	CHOPPED, MOLDED CARBON PHENOLIC & SILICON RUBBER BOND MATERIALS PROPERTIES - PRE TEST REPORT		
23	1			GE/RESD			03-Jan-75	CARBON PHENOLIC PRODUCT	RESULTS OF CHOPPED MOLDED CARBON PHENOLIC PRODUCT IMPROVEMENT PROGRAM		
23	1			GE/RESD			05-Mar-75	LARGE PROBE-PEDESTAL	PV - LARGE PROBE PEDESTAL LOADS		
23	1			GE/RESD			10-Feb-75	HEAT SHIELD MATL	PV - ABLATION TESTS FOR PV HEAT SHIELD MATERIALS - TEST PLAN		
23	1			GE/RESD				PROBE MATERIAL TESTING	ABLATION TESTING OF PV PROBE MATERIALS IN HYPERTHERMAL ARC FACILITY (TUNNEL, FREE JET AND CHANNEL FLOW WITH/CARBON DIOXIDE/AIR)		
23	1			GE/RESD			11-Feb-75	STRUCTURAL STABILITY	STRUCTURAL STABILITY ANALYSIS OF PV ENTRY VEHICLES		
23	1			GE/RESD			21-Oct-74	LANGLEY RESULTS	LANGLEY SPIN TUNNEL DYNAMICS RESULTS - PV		
23	1			GE/RESD			14-Feb-75	SMALL PROBE	PV VENTING: SMALL PROBE IN VENUSIAN ENTRY & BOTH LARGE & SMALL PROBES DURING EARTH ASCENT PHASE		
23	1			GE/RESD			13-Mar-75	LARGE PROBE	PV - LARGE PROBE PILOT PARACHUTE DEPLOYMENT ANALYSIS		
23	1			GE/RESD				HEAT SHIELD/PROBES	ABLATION TESTING OF HEAT SHIELD FOR PV PROBES AT MARTIN MARIETTA TEST FACILITY (STAGNATION & COMBINED RADIANT/CONVECTIVE HEATING TESTS WITH CARBON DIOXIDE) PRE TEST REPORT		
23	1			GE/RESD			28-Feb-75	AERODYNAMIC/PROBES	DETERMINATION OF STATIC, DYNAMIC & ROLL AERODYNAMIC CHARACTERISTICS OF PV PROBES IN NASA/LANGLEY 8' TRANSONIC PRESSURE TUNNEL - PRE TEST REPORT		
23	1			GE/RESD				HEAT SHIELD/PROBES	ABLATION OF HEAT SHIELD MATERIALS FOR PV PROBES IN ARC TEST FACILITIES - PRE TEST REPORT		
23	1			GE/RESD	TTM9731-74-001		Oct-74	PYRO MATL TESTING	PV PYRO - PHASE ONE MATERIAL TESTING - FINAL REPORT		
23	1			GE/RESD			24-Feb-75	DYNAMICS/SMALL PROBE	PV ROLL DUMPING EFFECT ON SMALL PROBE DYNAMICS		
23	1			GE/RESD			15-Oct-74	TRAJ-PROBES	PV ENTRY TRAJECTORIES FOR SMALL AND LARGE PROBES		
23	1			GE/RESD				LG PRB SEPARARTION	VENUS - LARGE PROBE SEPARATION		
23	1			GE/RESD			29-Oct-74	SML PRB-DYNAMICS	SMALL PROBE DYNAMICS		
23	1			GE/RESD			28-Feb-75	LG PROBE-COLD SOAK	PV - LARGE PROBE COLD SOAK ANALYSIS (160 DEGREES F - 120 DEGREES F)		
23	1			GE/RESD			01-Nov-74	LG PRB DYNAMICS	LARGE PROBE DYNAMICS		
23	**2**								***PIONEER VENUS - MONTHLY PROGRESS REPORTS & MISC.***		
23	2			HAC			Jun-74	PV-PHASE I PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #1 - PHASE I		
23	2			HAC			Jul-74	PV-PHASE I PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #2 - PHASE I		
23	2			HAC			Aug-74	PV-PHASE I PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #3 - PHASE I		
23	2			HAC			Aug-74	PV-PHASE I PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #4 - PHASE I		
23	2			HAC			Sep-74	PV-PHASE I PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #5 - PHASE I		
23	2			HAC			Oct-74	PV-PHASE I PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #6 - PHASE I		
23	2			HAC			Dec-74	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #8 - PHASE II		
23	2			HAC			Jan-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #9 - PHASE II		
23	2			HAC			Feb-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #10 - PHASE II		
23	2			HAC			Mar-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #11 - PHASE II		
23	2			HAC			Apr-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #12 - PHASE II		
23	2			HAC			May-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #13 - PHASE II		
23	2			HAC			Jun-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #14 - PHASE II		

23	2			HAC			Jul-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #15 - PHASE II		
23	2			HAC			Aug-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #16 - PHASE II		
23	2			HAC			Sep-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #17 - PHASE II		
23	2			HAC			Oct-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #18 - PHASE II		
23	2			HAC			Nov-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #19 - PHASE II		
23	2			HAC			Dec-75	PV-PHASE II PROGRESS RPT	PIONEER VENUS MONTHLY PROGRESS REPORT #20 - PHASE II		
23	2			HAC	HS507/5924		03-Jan-77	LRV TABLES	PV LRV TABLES		
23	2			HAC	HS507/2583		08-Apr-75	COMMUNICATION SUBSYS	PV RELIABILITY ANALYSES MULTIPROBE BUS SPACECRAFT & ORBITER SPACECRAFT COMMUNICATIONS SUBSYS CDR 1.9		
23	2			HAC	HS507/2580		07-Apr-75	COMMUNICATION SUBSYS	PV COMMUNICATIONS SUBSYSTEM FMEAs		
23	2			HAC	HS507/6271		01-May-77	ORB HAZARDOUS SYS DOC	PVO HAZARDOUS SYSTEM DOCUMENT		
23	2			HAC	SS31639-011		18-Sep-75	COMMUNICATION SUBSYS	PV BUS/ORBITER COMMUNICATIONS SUBSYSTEM		
23	2			HAC			24-29APR78		PV MULTIPROBE PRESHIP REVIEW		
23	2			NASA/ARC			Apr-81	PV EXTENDED MISSION	PIONEER VENUS EXTENDED MISSION II - REVISED		
23	2			NASA/ARC			15-Jan-72	PV PROJECT PLAN	PIONEER VENUS PROJECT PLAN - SYSTEM DESIGN & EXECUTION PHASE		
23	2			NASA/ARC			15-Feb-72	PV PROJECT PLAN	PIONEER VENUS PROJECT PLAN - SYSTEM DESIGN & EXECUTION PHASE		
23	2			NASA/ARC			Jul-73	PV PROJECT PLAN	PIONEER VENUS PROJECT PLAN - SYSTEM DESIGN & EXECUTION PHASE		
23	2			NASA/ARC			11-12JUL75	SSG	SPACE SCIENCE GROUP 6TH MEETING , NASA/ARC, CA		
23	2			HAC	PC-464		02-Sep-75	PV PROGRAM CHANGE	PIONEER VENUS PROGRAM CHANGE PROPOSAL #4		
23	2			FEI				STABLE OSCILLATOR	PIONEER VENUS STABLE OSCILLATOR (OCXO) MODEL FE-2123A - DESIGN REVIEW		
23	2			HAC	HS507-0082-1247		22-Mar-76	PSOBES SUBSYSTEM	PROBES SUBSYSTEM DESIGN REVIEW ACTION ITEMS CLOSEOUT DOCUMENT		
23	2				PV101A		06-Aug-76	S/ EQUIPMENT LIST	PIONEER VENUS SPACECRAFT EQUIPMENT LIST		
23	2			NASA/ARC	PC1001		20-May-81	PN 10/11-PV EXTENDED MISSION	PIONEER 10/11 - PVO EXTENDED MISSIONS PLAN - REVISION		
23	2			NASA/ARC	PC1001		30-Nov-82	PN 10/11-PV EXTENDED MISSION	PIONEER 10/11 - PVO EXTENDED MISSIONS PLAN		
23	2			NASA/ARC				FILE GUIDES-PV	PIONEER VENUS - FILE GUIDES		
23	2			NASA/ARC			Sep-83	SUPPORT INSTRUMENTATION	PIONEER 10/11 & PVO SUPPORT INSTRUMENTATION REQUIREMENTS DOCUMENT (SIRD)		
23	2			HAC			Aug-72	PRESSURE VESSEL	PRESSURE VESSEL MODULE THERMAL CONTROL (DESCENT)		
23	2						09-Dec-74	S/C CDR	PIONEER VENUS SPACECRAFT CDR		
23	2			TRW	20406.6003-RO-OO		13-Aug-71	TO JUPITER-FOLLOW-ON	FOLLOW-ON PIONEER MISSIONS TO JUPITER - VOL 1 - EXECUTIVE SUMMARY		
23	2			TRW	20406.6004-RO-OO		13-Aug-71	TO JUPITER-FOLLOW-ON	FOLLOW-ON PIONEER MISSIONS TO JUPITER - VOL 2 - TECHNICAL		
23	2			TRW	20406.6005-RO-OO		13-Aug-71	TO JUPITER FOLLOW-ON	FOLLOW-ON PIONEER MISSIONS TO JUPITER - VOL 3 - APPENDIXES		
23	2						01-Jul-77	INTERFEROMETRY EXPERIMENT	PIONEER VENUS PROJECT DIFFERENCED LONG-BASELINE INTERFEROMETRY EXPERIMENT - DESIGN REVIEW DOCUMENT		
23	2			HAC	HS507-0082-375		21-Mar-75	DECEL MODULE	DECELERATION MODULE SUBSYSTEM DESIGN REVIEW PACKAGE		
23	2			HAC	HS507-0082-1986		25-Jan-77	HARNESS-PROBES	PROBE INTERNAL HARNESS AND PROBES EXTERNAL HARNESS		
23	2						Aug-78	DECEL MODULE	DECELERATION MODULE - FINAL REPORT		
23	2			NASA/ARC			15-May-75	EVAL-CONTRACTORS	EVALUATION OF CONTRACTORS PERFORMANCE BY PERFORMANCE EVALUATION BOARD FOR 1DEC74-30APR75		
23	2			HAC	SS31639-901		24-Jan-78	TELEMETRY-MLTPRB	PV MULTIPROBE TELEMETRY DATA CONVERSION HANDBOOK		
23	**3**								***PIONEER VENUS - ASSORTED DATA***		
23	3			NASA/ARC			1978	HQ CORRESPONDENCE	HEADQUARTERS CORRESPONDENCE		
23	3			NASA/ARC			1977	HQ CORRESPONDENCE	HEADQUARTERS CORRESPONDENCE		
23	3			NASA/ARC			1979	HQ CORRESPONDENCE	HEADQUARTERS CORRESPONDENCE		
23	3			NASA/ARC			1977	SSC	NATL SPACE SCIENCE CENTER DATA CENTER		
23	3			NASA/ARC			1978	SSC	NATL SPACE SCIENCE CENTER DATA CENTER		
23	3			NASA/ARC			1974-1976	QUARTERLY RVIEW-CORRESPONDENCE	PV - QUARTERLY REVIEWS - CORRESPONDENCE		
23	3			NASA/ARC			1977	QUARTERLY RVIEW-CORRESPONDENCE	PV - QUARTERLY REVIEWS - CORRESPONDENCE		
23	3			NASA/ARC			1976-1977	LOA 3332-GSFC	PV-3332 - GSFC LOA		
23	3			U/CO			1974-1975	OUVS	PV - BUS ULTAVIOLET SPEC		
23	3			U/MN			1975-1979	BNMS	PV - BUS NEUTRAL MASS SPECTROMETER		
23	3			U/BONN	3392		1977-1979	B NMS	PV - BUS NEUTRAL MASS SPECTROMETER		
23	3			NASA/ARC	3412		1977-1978	ASI	PV - ATMOSPHERIC STRUCTURE INSTRUMENT		
23	3			NASA/ARC	3414		1977-1978	LGC	PV - LARGE PROBE GAS CHROMATOGRAPH		
23	3			NASA/ARC	3416		1977-1978	UR	PV -LARGE PROBE INFARED RADIOMETER		

23	3			NASA/ARC	3418		1977-1978	NEPHELOMETER	PV - LARGE PROBE NEPHELOMETER		
23	3			U/TX-DALLAS	3451		1977	LMS	PV - LARGE PROBE MASS SPECTROMETER		
23	3			U/MICH	NAS2-7877		1973-1974	ELEC TEMP PRB	PV - ELECTRON TEMP PROBE CONTRACT & MOD.		
23	**4**								***PIONEER VENUS LARGE & SMALL PROBE COMM SYS DOCS***		
23	4			HAC/MOTOROLA				TRANSPONDER/PRB EXCITER	PV - TRANSPONDER / PROBE EXCITER - REVIEWS, ANALYSIS,MATERIALS, LIST ETC.		
23	4			HAC/NASA/ARC			1976	ANTENNA - PROBE	PV - PROBE ANTENNAE		
23	4			MOTOROLA				DWGS, ASSORTED PV	PV - DRAWINGS, ASSORTED		
23	4			HAC			1977	RF SUBCARRIER TM LOCK-UP	PV - MULTIPROBE RF DUAL SUBCARRIER TM LOCKUP PROBLEM		
23	4			JPL/NASA/ARC			1975	FREQUENCY ALLOCATIONS	PV - FREQUENCY ALLOCATIONS -& DSN		
23	4			DEPT OF NAVY			1975	CENTRAL PARTS CONTROL	PV - CENTRAL PARTS CONTROL PROGRAM PROPOSAL, VOL I & MISC CORRESPONDENCE		
23	4			NASA/ARC			1976-1977	GSE CASES	PV - GSE CASES (ECS) - NAS2-9145		
23	4			JPL/NASA/ARC			1977-1978	REVERSE PLAYBACK	PV - REVERSE PLAYBACK CORRESPONDENCE		
23	**5**								***B JACKSON - PV ORB & MULTIPROBE JOURNALS***		
23	5			NASA/ARC			JUL77-MAY78	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		
23	5			NASA/ARC			MAY78-NOV78	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		
23	5			NASA/ARC			NOV78-6NOV7	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		
23	5			NASA/ARC			7NOV79-30SEP	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		
23	5			NASA/ARC			1NOV81-30NO	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		
23	5			NASA/ARC			1DEC83-30APR	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		
23	5			NASA/ARC			1MAY85-31DEC	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		
23	5			NASA/ARC			1JAN87-31DEC	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		
23	5			NASA/ARC			1JAN89-DEC92	B JACKSON-JOURNAL	B. JACKSON - JOURNAL & PAPERS - PV ORB & MULTIPROBE		

PIONEER PROJECT

FILE #	DRAWER #	ITEM	UFI #	SOURCE	REF #	REV.	DATE	KEY	SUBJECT	FROM	TO
24	**1**								***PIONEER - MISC***		
24	1			NASA	WSS-2		04-Dec-78	SECURITY DIRECTIVE	NATIONAL SECURITY INFORMATION	EW STEVENS	
24	1			NASA/ARC	AR:201-2		13-Jul-77	POP 77-2	OSS POP 77-2 SUBMISSION	WP PETERSON	HQ
24	1			NASA/ARC	AS 101	1	01-Nov-74	ASI	ATMOSPHERIC STRUCTURE INSTRUMENTS - PV PROJECT		
24	1			HAC/GE			1976-77	STV BALLOON DROP TEST	GE COST PROPOSAL-STV BALLOON DROP TEST		
24	1			STRATHAM	2306		May-70	PRESSURE TRANSDUCERS	ACCEPTANCE TEST PROCEDURE FOR PRESSURE TRANSDUCERS (TRW C4059545)		
24	1			THIOKOL			1968-1974	THIOKOL SPECS-MISC	ASSORTED SPEC FROM THIOKOL		
24	1			HAC	HS507-4561		Jan-76	STATIC TEST -MLTPRB	PV - MLTPRB HS507 STATIC TEST PLAN		
24	1			NASA/ARC	AR:201-2		05-Jul-79	POP 79-2	OSS POP 79-2 SUBMISSION		
24	1			NASA/ARC			1977-1978	MLTPRB-SCHEDULE/SEQUENCE	PV - MULTIPROBE SCHEDULES / SEQUENCE OF EVENTS		
24	1			AIKEN			1976	ION MASS SPECTROMETER-BUS	ION MASS SPECTROMETER - BUS DRAWINGS		
24	1			HAC	HS507-6118		22-Feb-77	PRESSURE TRANSDUCER	PV - PRESSURE TRANSDUCER PROGRAM DATA		
24	1			AFSC			23-Feb-77	PV-BALLOON TESTS	PV - WSMR SUPPORT COST INVOICES - BALLOON TESTS PV PROGRAM		
24	1			HAC	TP31639-035		Nov-76	DSU QUAL/ACCEPTANCE	PV - DSU QUALIFICATION & ACCEPTANCE TEST PROCEDURES		
24	1			HAC	HS507-6126		Feb-77	STM VIBRATION-MLTPRB	PV - MLTPRB STM VIBRATION TEST REPORT		
24	1			NASA/ARC	PPO-38		14-Jul-75	QUARTERLY REVIEW	PIONEER QUARTERLY REVIEW		
24	1			NASA/ARC	PPO-61			QUARTERLY REVIEW	PIONEER QUARTERLY REVIEW		
24	1			NASA/ARC	NAS2-9125		1977-1982	RADIO SCIENCE TEAM	PV -RADIO SCIENCE TEAM - TA CROFT / SRI		
24	1			NASA/ARC	NAS2-9483		1982-1983	CELESTIAL MECHANICS	PV - CLEESTIAL MECHANICS / RD REASENBERG/MIT		
24	1			NASA/ARC	ARC/PPO-4846		1982	GRAVITY DATA ANALYSIS	PV - WJ SJOGRAN/JPL - GRAVITY DATA ANALYSIS		
24	1			HAC	HS507-0082-227	B	Sep-77				
24	1			HAC			29-Oct-76	COMM SUBSYS-LG PRB	PV - LARGE PROBE COMMUNICATIONS SUBSYS FLT DATA PKG		
24	1			HAC			01-Feb-77	COMM SUBSYS-SML PRB	PV - SMALL PROBE COMMUNICATIONS SUBSYS - FLT DATA PKG		
24	1			HAC	HS507-6701		14-Jun-77	LARGE PROBE	PV - LARGE PROBE POST 1ST REVIEW		
24	1			HAC/NASA/ARC			1978	MULTIPROBE	MULTIPROBE - ASSORTED DATA		
24	1			HAC/NASA/ARC				ORBITER	ORBITER - ASSORTED DATA		
24	1			NASA/ARC				PN F/G (10/11)	PN F/G (10/11) - MISC PUBLICATIONS , ABSTRACTS ETC		
24	1							WOBBLE DAMPER	PN F/G (10/11) - WOBBLE DAMPER, PN 121720-2, S/N 001		
24	1			TRW	PFG.281.214		29-Jun-70	STAR LOGIC	PN F/G - STAR LOGIC - CLOSEOUT DOCUMENT		
24	1			NSSDC	R13909		1993	SOLAR WIND FIELD & PLASMA	PV - A COMPLIATION OF 1963-1991 SOLAR WIND FIELD NAD PLASMA DATA NEAR EARTH & DEEP SPACE		
24	**2**								***PIONEER AWARDS - GRAPHS***		
24	2			NASA/ARC				GRAPH	PERIAPSIS - FIG 6 ALTITUDE PLOT FOR 1991		
24	2			NASA/ARC				GRAPH	PERIAPSIS - FIG 5 ALTITUDE FOR 1990		
24	2			NASA/ARC				GRAPH	PERIAPSIS - FIG 7 ALTITUDE FOR 1992		
24	2			NASA/ARC				GRAPH	PVO - ORBIT NUMBER		
24	2			NASA/ARC				AWARD	PV STUDY TEAM - AWARD		
24	2			NASA/ARC				AWARD	PVO SCI TEAM - AWARD		