

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 / MOHU	
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 OCCULTATION	REPORTS & PUBLICATIONS	AJ KLJORE / 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 SPECTROMETER	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 OCCULTATION	REPORTS & PUBLICATIONS	R WOO / JPL	
2	2								PN 12 - INVESTIGATOR GRANTS & LOA FILES, A-KII		
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 CLOUTER / 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 HOEY - 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 KLEBASADEL / LANL / OGBD	
2	2			NASA/ARC	PN 12 - LOA PPO-4231			ORBITER RADIO OCCULTATION	"DATA PROCESSING AND ANALYSIS OF ORBITER RADIO OCCULTATION EXPERIMENT"	AJ KLJORE / 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 POTENTIAL 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	
2	3				PN 12 - NAS2-9473 (4862)			INTERDISCIPLINARY SCIENTIST	IDS - "DATA ANALYSIS FOR RADAR MAPPER INSTRUMENT"	GH PETTINGILL - 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 -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 STRANGWAY / 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 ANALYSIS 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 OCCULTATION - IDS	"A STUDY OF MAGNETIZATION OF THE IONOSPHERE OF VENUS USING PV RADIO OCCULTATION 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				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 SPECTROMETER	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 HOEY / 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 OCCULTATION	AJ KLIJORE / 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 ANALYSIS & PUBLICATION OF ORBITER NMS DATA - 1993	HB NIEMANN / GSFC / ONMS
2	5	NASA/ARC	PN 12 - LOA PPO-4711	INTERDISCIPLINARY SCIENTIST	IDS - STUDIES OF PRESENT & PAST ATMOSPHERES OF VENUS BASED ON PV DATA	JB RUSSELL / 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 POTENTIAL 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