

"KAGUYA" product list for public

Mission Instruments	Proc. Level	Product Name	Product ID	Map	Version	Remarks
Gamma-ray Spectrometer(GRS)	Standard	Gamma Ray Energy Spectrum 2	GRS EnergySpectrum 2	-	1	
		Gamma Ray Intensity Map	GRS GammaRayMap A(K, Th, O, Fe, Si)	Map	1	
	Higher	Nuclide Map	GRS GammaRayMap B(U, Al, Ca, Mg, Ti)	Map	1	
			GRS NuclideMap A(K, Th, O, Fe, Si)	Map	1	
Lunar Imager/SpectroMeter(LISM)/ Multi band Imager(MI)	L2B	MI-VIS Level2B2	MI-VIS Level2B2	-	1	
		MI-NIR Level2B2	MI-NIR Level2B2	-	1	
	L2C	MI-VIS Level2C2	MI-VIS Level2C2	-	1	*1
		MI-NIR Level2C2	MI-NIR Level2C2	-	1	*1
MAP	MI MAP	MI MAP	Map	1	*2	
Lunar Imager/SpectroMeter(LISM)/ Spectral Profiler(SP)	L2B	SP Level2B1	SP Level2B1	-	1	
		SP Level2B2	SP Level2B2	-	1	
	L2C	SP Level2C	SP Level2C	-	1	*2
		SP Level2D	SP Level2D	-	1	*2
Lunar Imager/SpectroMeter(LISM)/ Terrain Camera(TC)	MAP	TC Morning MAP	TC Morning MAP	Map	2	
		TC Evening MAP	TC Evening MAP	Map	2	
	L3D	DTM TCOrtho	DTM TCOrtho	-	1	*1
		TCOrtho MAP	TCOrtho MAP	Map	1	*2
	MAP	DTM MAP	DTM MAP	Map	1	*2
		DTM TCOrtho S	DTM TCOrtho S	-	1	
	MAP	TCOrtho MAP S	TCOrtho MAP S	Map	1	
		DTM MAP S	DTM MAP S	Map	1	
	L3D	TCOrtho MSC	TCOrtho MSC	-	1	
		DTM MSC	DTM MSC	-	1	
Lunar Imager/SpectroMeter(LISM)	Others	Others	-	1		
Lunar Radar Sounder(LRS)	Standard	Sounder low-resolution subsurface cross section	SDR Bscan low	-	1	
		Sounder high-resolution subsurface cross section	SDR Bscan high	-	2	
	Higher	Subsurface geologic structure interpretation map	SDR Geology	-	1	
		High-frequency wave spectrum	NPW spectrum	-	1	
Laser ALTimeMeter(LALT)	Standard	Low-frequency wave spectrum	WFC spectrum	-	1	
		LALT Range Data	LALT RD	-	1	
	Higher	Lunar Global Topographic Data as Time Series	LALT LGT TS	-	1	
		Global Grid Topographic Data of the Moon	LALT GGT NUM	-	1	
		Global Topographic MAP of the Moon	LALT GGT MAP	-	1	
		Grid Topographic Data of the Lunar North Pole	LALT GT NP NUM	-	1	
		Topographic Image of the Lunar North Pole	LALT GT NP IMG	-	1	
		Grid Topographic Data of the Lunar South Pole	LALT GT SP NUM	-	1	
		Topographic Image of the Lunar South Pole	LALT GT SP IMG	-	1	
		Spherical Harmonics Coefficients of the Lunar Topography	LALT SH	-	1	
		Magnetic anomaly grid data	MA GD	-	1	
		Magnetic anomaly map	MA MAP	Map	1	
Standard	Magnetic field time series	MAG TS	-	1		
	1D electrical conductivity structure	1DSigma	-	1		
Higher	Magnetic anomaly grid data (Option)	MA GDOP	-	1	*2	
	Magnetic anomaly map (Option)	MA MAPOP	Map	1	*2	
Standard	Magnetic field time series (Option)	MAG TSOP	-	1	*2	
	1D electrical conductivity structure (Option)	1DSigmaOP	-	1	*2	
Charged Particle Spectrometer(CPS)	Standard	Rn intensity map	ARD Rn map	Map	1	
		Po intensity map	ARD Po map	Map	1	
	Higher	Special area map	ARD Special range	-	1	
		Time variation of Rn and Po fluxes (Graph)	ARD counts graph	-	1	
	Standard	Time variation of Rn and Po fluxes	ARD counts data	-	1	
		Flux variation of light particles (Graph)	PS light particle graph	-	1	
		Flux variation of light particles	PS light particle data	-	1	
		Electron and Proton data in Special periods (Graph)	PS event graph	-	1	
	Higher	Electron and Proton data in Special periods	PS event data	-	1	
		Magnetic anomaly map (Electron Reflectometer)	PACE ERMA MAP	Map	1	
Standard	Reflected Ion Map	PACE SI MAP	Map	1		
	High Resolution Data of Electron/Ion Energy Spectrum (PBF1)	PACE PBF 1	-	1		
	High Resolution Data of Electron/Ion Energy Spectrum (CDF)	PACE CDF	-	1		
	Summary Plot of Electron/Ion E-T Diagram	PACE ET summary	-	1		
Radio Science(RS)	Higher	Electron column density integrated	RS ELECTRON COLUMN DENSITY	-	1	
		UPI-TEX plasmasphere image (open data) (HeII(30.4nm), OII(83.4nm))	UPI TEX plasmasphere open a(He, O)	-	1	
Upper-Atmosphere and Plasma Imager(UPI)	Standard	UPI-TVIS image (open data) (OI(557.7nm), OI(630.0nm), NaI(589.3nm), N2+(427.8nm), OH(730nm), dark image)	UPI TVIS open a(O5, O6, Na, N2, OH, DK)	-	1	
				-	1	
Relay Sub-satellite Transponder(RSAT)	L2B	Spherical Harmonic Coefficients of Lunar Gravity Model	RISE GRAVcoef #(#(Model Identifier): 2)	-	1	
		Covariance Matrix of Lunar Gravity Model	RISE GRAVcov #	-	1	
		Rstar Trajectory	RISE TRAJ RSTAR #	-	1	
		Main Orbiter Trajectory	RISE TRAJ MAIN #	-	1	
		Gravity Field Map	RISE GRAVmap #	Map	1	
		Power Spectrum of Harmonization Coefficients of Lunar Gravity Model	RISE GRAVpower #	-	1	
VLBI Radio Sources(VRAD)	L2B	Doubly differenced 1-way range by differential VLBI	RISE VRADd	-	1	
		Vstar Trajectory	RISE TRAJ VSTAR #(#: 2)	-	1	
				-	1	
High Definition TeleVision(HDTV)	normal	Spacecraft trajectory(SPK)	SPK	-	1	
		Orientation of spacecraft(CK)	CK	-	1	
		Spacecraft clock coefficients(SCLK)	SCLK	-	1	
	Higher	Long period spacecraft clock coefficients(SCLK)	LONG SCLK	-	1	
		RISE Spacecraft trajectory(SPK)	RISE SPK	-	1	

*1: 1/3 amounts(one year after the end of the nominal mission period)

*2: data release in JFY 2010(one year after the end of the extended mission period)