Transmissions Specialist

Handout #2

Planet Team:
(Circle one)

    Jupiter   **Saturn**   **Uranus**   **Neptune**   **Pluto**

Decoding the Messages

Use this to decode message #2

⊙	=	A	☺	=	J	SW	=	S
◎	=	B	☹	=	K	◭	=	T
◉	=	C	☺	=	L	⊗	=	U
⬤	=	D	$	=	M	▣	=	V
e	=	E	⊛	=	N	✳	=	W
FW	=	F	▢	=	O	▼	=	X
✚	=	G	⊗	=	P	▽	=	Y
⊕	=	H	¢	=	Q	▼	=	Z
🌐	=	I	R	=	R	◑	=	,

Write your message here:_____

_____.

Decoding the Message

Look at the message you just decoded. Does it include a name of a planet? If you do not have a planet name in your message, you must solve the clues in your decoded sentence. For example, if your decoded message says *"The ship was near the planet with the moon Phoebe"*, you must rewrite your message to read *"The ship was near Saturn"*. Use the table below to solve your clues. If you already have the name of a planet in your decoded sentence, just copy your sentence onto this page.

Planet	Jupiter	Saturn	Uranus	Neptune	Pluto
Order from the Sun	Fifth	Sixth	Seventh	Eighth	Ninth
Appearance	Big Red Spot	Rings	Blue	Blue	Rocky
Size	Largest	2nd Largest	3rd Largest	4th Largest	Smallest
Names of major moons	Io, Europa, Ganymede, Callisto	Rhea, Titan, Iapetus, Phoebe	Oberon, Titania, Umbriel, Ariel	Triton, Nereid, Proteus	Charon, Hydra, Nix

Write your final decoded message. It must contain a planet name and a day of the week!

_____

_____

Transmission Report

Circle your planet name: **Jupiter**   **Saturn**   **Uranus**   **Neptune**   **Pluto**

Use your final decoded message to fill out this page. If the spacecraft is near more than one planet, circle "maybe". Each line must have a <u>day of the week</u>, a circle and a <u>planet name(s)</u>. You might not use both lines.

(Circle one)

On _____ the ship was (Day of the week)	Near Maybe Near Not Near	_____ (Planet names)
On _____ the ship was (Day of the week)	Near Maybe Near Not Near	_____ (Planet names)

STOP Take this booklet to your Communication officer. After the Commander approves your report, *circle your all of your answers on your class chart!*