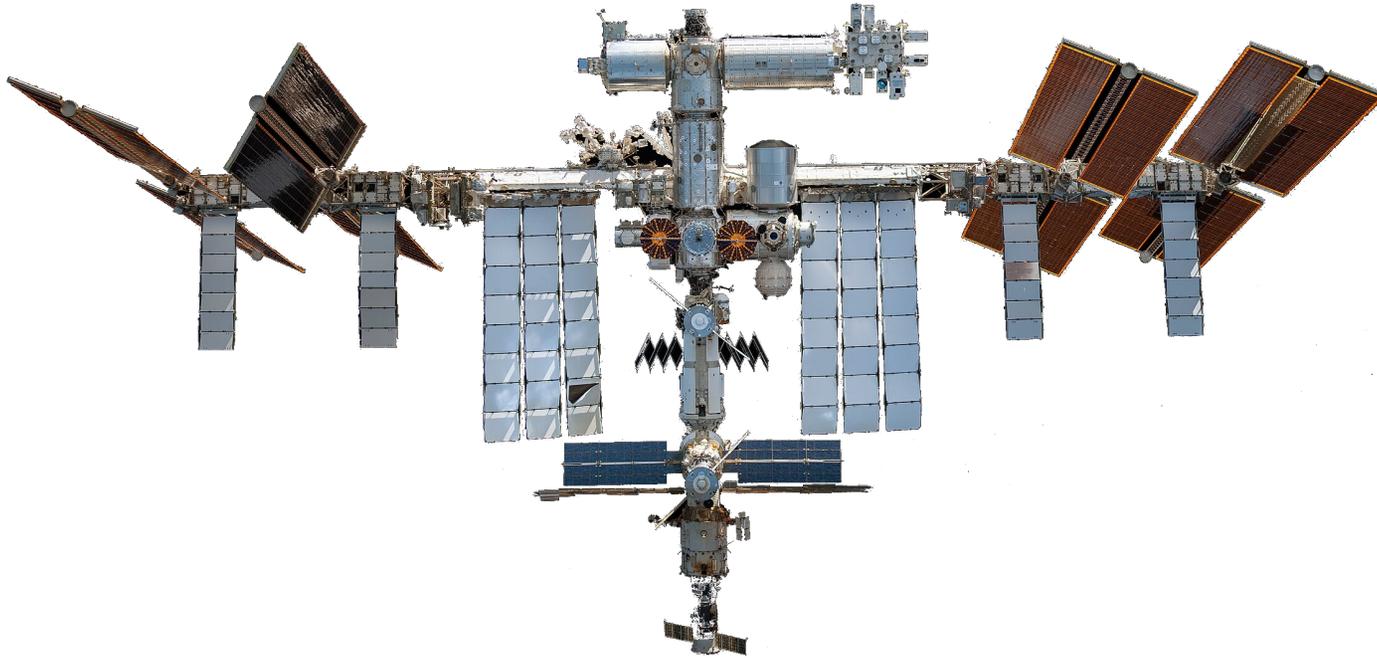
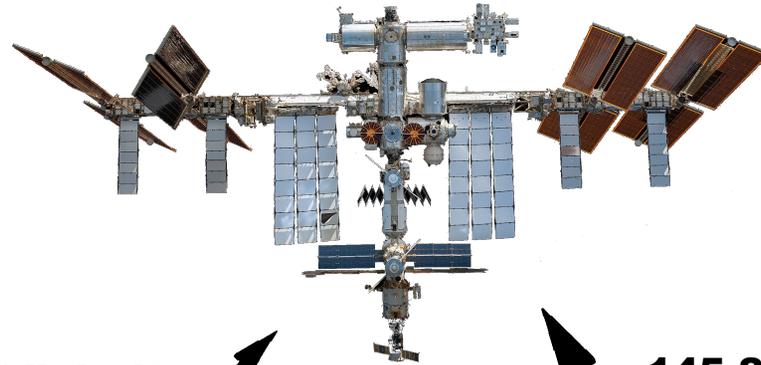


# How to work Amateur Packet via Satellite (ISS)



# The ISS has a Digipeater onboard for Amateurs!!



145.825 MHz "digital" simplex

145.825 MHz "digital" simplex



PC: APP "UISS"  
[UISS](#)

MAC: ??

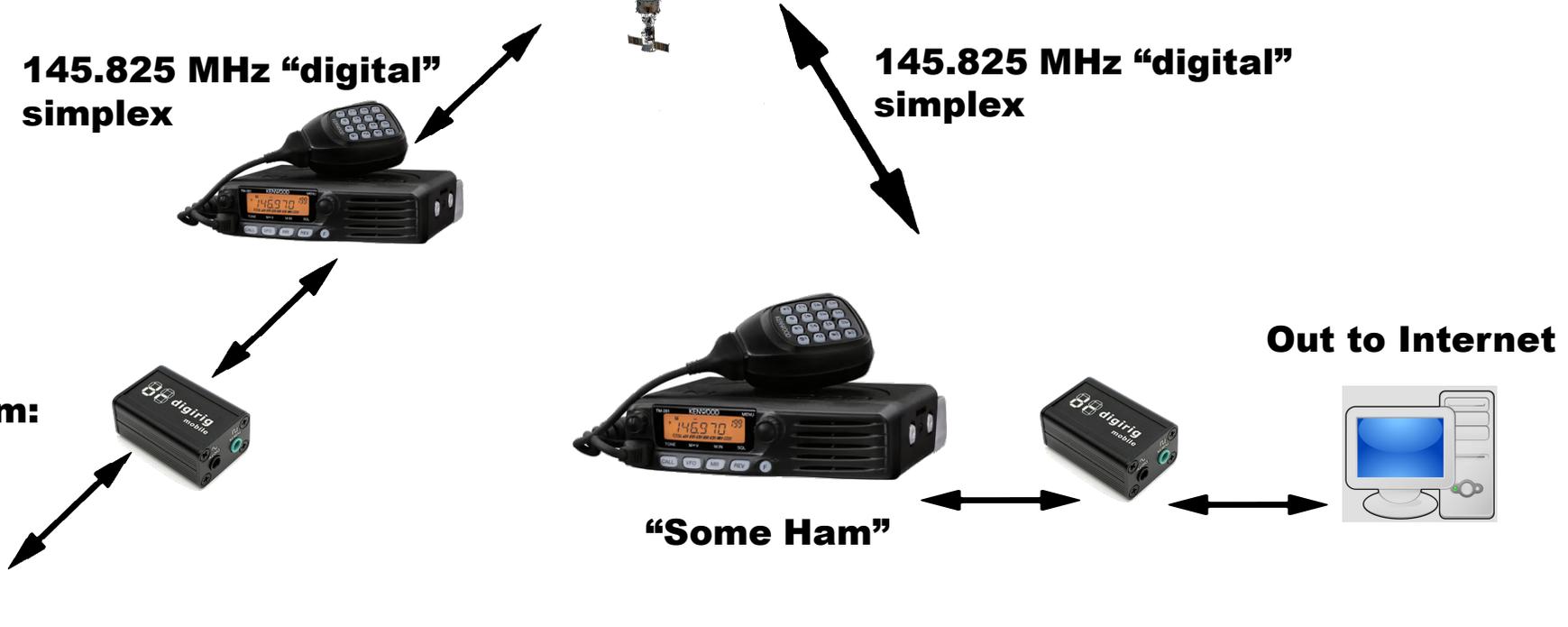
Software Modem:  
[DireWolf](#)



Out to Internet



"Some Ham"



# Prediction and Tracking Apps



iOS App	Android App	Online
HamSatHD	ISS Detector Pro	N2YO.com
ProSat	Heavens-Above	<a href="http://amsat.org/track/">amsat.org/track/</a>
ISS Detector Pro	Look4Sat	<a href="http://heavens-above.com/">heavens-above.com/</a>
GoSatWatch	AmsatDroid	<a href="http://satmatch.com/">satmatch.com/</a>



## **Types of Information:**

**1.) APRS position reports.**

**2.) Short text message QSO.**

**3.) Signal Reports.**

**Requires software TNC “DireWolf” [DireWolf](#)**

**Satellite Tracking Software: “Orbitron” [Orbitron](#) or “Gpredict” [Gpredict](#)**

**SOFTWARE TNC: “DireWolf”:**

**[https://github.com/wb2osz/direwolf/releases/download/1.8.1/direwolf-1.8.1-a231971\\_x86\\_64.zip](https://github.com/wb2osz/direwolf/releases/download/1.8.1/direwolf-1.8.1-a231971_x86_64.zip)**

**Various softwares:**

**APRIS: <http://aprsisce.wikidot.com/>**

**Xastir: [http://xastir.org/index.php/Main\\_Page](http://xastir.org/index.php/Main_Page)**

**YAAC: <https://www.ka2ddo.org/ka2ddo/YAAC.html>**

**PinPoint APRS: <http://www.pinpointaprs.com/>**

**UISS: <https://www.qsl.net/on6mu/uiss.htm>**

**WinLink: <http://www.winlink.org/RMSExpress>**