

**Comtech Mobile Datacom Corp.
Proposed New Site ID for ROUS (E090027)**

<i>Last Updated:</i>															
12/29/2010															
Satellites and Coverage Areas															
Site ID	MET	Antenna #	Model Number <i>E31</i>	Manuf <i>E30</i>	Dia <i>E32</i>	Max EIRP/Carrier (dBW) (1.6 freq) <i>E48</i>	Max EIRP Density/Carrier (dBW/4kHz) (1.6 freq) <i>E49</i>	Mod/Services <i>E50</i> (see end)	Max Gains @1.5450, @1.6450 <i>E41 E42</i>	Total Input Power @ Antenna Flange (watts) <i>E38</i>	Total EIRP for All Carriers (dBW) <i>E40</i>	Max EIRP Density Towards the Horizon (dBW/4kHz) (1.6 freq) <i>E60</i>	Emission Designator	SkyTerra 1	License
SkyTerra - 202	MTM202	5-202/EXT	S65-8282-301	Sensor Systems	0.27 quad helix	11.2	5.4	Basic1 +AERO	3.5, 3.9	5.3	11.2	1.9	270KG7W	ALL	ROUS
"Basic1" = DSSS, BPSK, 21,094 to 84,375 CPS and Data +AERO (Aeronautical)															

USTP = US territories and possessions within footprint of satellite
ALL = CONUS, AK, HI, and USTP