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COMMENTS ON MISSION 7300 SEARCH PAPER

1. WHILE THE PAPER DOES TOUCH ON OUR ABILITY TO DO PULSE LEVEL SEARCH, I DON'T BELIEVE THE PAPER GOES FAR ENOUGH IN SHOWING OUR CAPABILITIES. THE PPDS RUNS, FOR EXAMPLE, GIVE THE ANALYST AN AMAZING CAPABILITY TO SELECTIVELY SEARCH LARGE OR HEAVILY CONGESTED AREAS OF THE WORLD IN A TIMELY MANNER. THIS ALLOWS, AMONG OTHER THINGS, FOR THE ANALYST TO EASILY COMPARE PULSES COLLECTED FROM WIDELY SEPARATED AREAS WHICH MAY BE CONNECTED TO THE SAME ACTIVITY. THUS ALLOWING SIMILAR OR RELATED SIGNALS, PREVIOUSLY UNKNOWN, TO BE FOUND AND IN MANY CASES TO BE IDENTIFIED (EITHER AS TO SPECIFIC PIECE OF EQUIPMENT OR PROBABLE FUNCTION. WITHOUT PPDS THIS SEARCH EITHER COULD NOT BE CARRIED OUT, OR BE SO TIME CONSUMING AS TO IMPACT ON OTHER SEARCH BEING CARRIED OUT.

2. OUR CAPABILITY TO COLLECT BOTH MAINBEAM AND SIDELOBE TRANSMISSIONS IS A VERY IMPORTANT PART OF OUR ABILITY TO DO EFFECTIVE SEARCH AND MINIMIZE MISTAKES IN CALLING A SIGNAL "NEW" OR IN CORRECTLY CHARACTERIZING THE TRANSMISSION. THIS IS VERY IMPORTANT IN PULSE DOPPLER SIGNALS AND THE OMICRON SIGNALS ARE A GOOD EXAMPLE OF USING BOTH SIDELOBE AND MAINBEAM INFORMATION TO FIND A VERY IMPORTANT NEW SIGNAL.

3. FINALLY, AND MAYBE MOST IMPORTANTLY, THE "CORPORATE KNOWLEDGE" RESIDING IN GOVERNMENT ANALYSTS SUCH AS [Redacted] OR

[Redacted] COMBINED WITH CONTRACTOR ANALYSTS SUCH AS

[Redacted] IS A TREMENDOUS ASSET TO THE

SUCCESSES ACHIEVED BY THE MISSION 7300 SEARCH EFFORT. NOT

ONLY DO THESE ANALYSTS KNOW THE COLLECTORS VERY WELL (A VERY IMPORTANT PART OF CORRECTLY USING THESE SATELLITES IN A SEARCH ROLE) BUT ALSO THEY ARE FAMILIAR WITH A TREMENDOUS SCOPE OF SIGNALS AND AREAS OF INTERESTS. WHILE MOST SIGINT ANALYSTS LOOK AT A PARTICULAR GEOGRAPHIC AREA OR TYPE OF ACTIVITY (NAVAL, AIR, SAM, ETC.) OUR ANALYSTS LOOK WORLDWIDE AT BLIPS (CW OR PULSED) INDEPENDENT OF RADAR SYSTEM OR NATIONALITY. THIS IS A TREMENDOUS POOL OF TALENTED ANALYSTS AND ANY MENTION OF WHY WE ARE SUCCESSFUL IN A SEARCH ROLE WOULD HAVE TO MENTION THE TALENTS AND EXPERIENCE OF THESE ANALYSTS AS WELL AS THEIR MANY SUCCESSES OVER THE [REDACTED]