

Interactive Presentations (IP)
Topic 12 - Interactive Presentations (12)

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“THREE COUNTRY-TRUSTED BROKER”: AN EFFECTIVE PUBLIC-PRIVATE MODEL FOR
ORBITAL DEBRIS REMEDIATION - PART THREE: COUNTRY CONTRACT CLAUSES

Abstract

In Part One of TCTB’s planned trilogy of papers describing its business model for active debris remediation (ADR) of high mass derelict objects in Low Earth Orbit “owned” by China, Russia and the U. S., TCTB described a public-private “Red Cross” model for ADR that would overcome legal, political, national security, economic and funding hurdles that have prevented ADR to date. TCTB’s “separate but interdependent” business model is built on the premise that if China, Russia and the U. S., who are collectively responsible for virtually all debris in space (risk), and the largest users of space for scientific, commercial and military purposes (opportunity), could each independently establish separate commercial contracts with the same private entity, effective inter-country cooperation and cost-sharing could be achieved through contractually established funding controls and other contractual mechanisms, avoiding some (but not all) bureaucratic complexities and delays otherwise found in direct, face-to-face international relations among sovereign states. Part Two will describe TCTB’s eight contracting Phases and procurement plan, embodying transparency, economy, best procurement practices and competition. Part Two will also explain why funded procurement planning for ADR must begin now in the three countries who own the risk and opportunity, in parallel with maturing world-wide technical developments, if meaningful, cost-effective remediation is to occur before the next inevitable collision. Part Three will address the eleven contract clauses common to each participating country contract. Those clauses will ally each separate country contract to a common purpose, while preserving national sovereignty and overcoming hurdles to ADR. TCTB’s progress to date will be updated in Parts Two and Three.