

APPENDIX A Snowmobile Description Form for IC Engine Sleds

Please fill out the following form and return it to the registration desk. Answer all questions about your snowmobile as it is actually competing (not as it was intended to compete).

Team Name NDSU Team Number: 11

Chassis-Year and Model 2011 Polaris Pro-r Bush

Engine
Engine Cycle (2-stroke, 4-stroke, or rotary) 4-stroke Number Of cylinders 3

Engine Displacement (cc) 900cc

Engine Manufacturer Yanmar

Engine Modifications (if any) No

Compression Ratio Stock

Turbocharged? or Supercharged? Yes or No – If Yes circle one

Engine Management System Mechanical - Stock

Fuel Delivery -Carburetors, EFI, DI, SDI – (circle one)

Fuel Pump Pressure 20 psi Fuel Type (circle one) gasoline diesel

Emission Control
Air/Fuel Ratio Chosen (lean, stoichometric?) Stoichometric

Catalyst? Type? DOC + ~~DPF~~ Partial Particulate Filter

Secondary Air Injection? - Yes or No (circle one)

Exhaust Gas Recirculation? – Yes or No (circle one)
Other _____

Noise Control
Muffler Design CATALYST + DPF

Noise Treatment Engine bay foam

Cooling
Describe Strategy Stock Polaris intercoolers

Other Unique Features of Your Snowmobile
Describe Strategy _____