



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 UB Motorsports Team Number: 11

Chassis-Year and Model 2011 Polaris IQ

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

Engine Displacement (cc) 952

Engine Manufacturer Daihatsu

Engine Modifications (if any) None

Compression Ratio 24.8

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

Engine Management System Mechanical

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

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

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

Catalyst? Type? Diesel Oxidation Catalyst ; Diesel particulate filter

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

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

Noise Control
Muffler Design Tunnel exiting exhaust

Noise Treatment Eggcrate foam lining bulkhead ; Snow Dap/side skirts to reduce track noise

Cooling
Describe Strategy front mounted radiator

Other Unique Features of Your Snowmobile

Describe Strategy Belt Drive system - efficient Power Transfer / Quiet

Intercooler system - Air to water cools intake air

Intake manifold - Increases air flow into engine

Fuel Cell - 5 gallon → less fuel needed due to Diesel fuel efficiency
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