

# LONG-RANGE PLAN

## Approved by TC on September 28, 2010

- DST-7 Valve Tray (Phase 5) (Vacuum Conditions)
- Cat. 1 2010 Structured Packing (RSP 250)
- DST-7/DST-1 Valve Tray (Phase 5) Blowing
- DST-7/DST-5 Valve Tray (Phase 5) Picket Fence Weirs
- Cat. 3 2009 Shell Proprietary Device
- Cat. 1 2010 Structured Packing (MP352.Y)
- DST-12 Truncated Downcomers
- Cat. 1 2011 Trays or Packing
- DST-9 12-Inch Tray Spacing
- Cat. 3 2010 Sulzer Chemtech Device
- Cat. 3 2011 Raschig-Jaeger Device
- DST-22 Two-Pass Valve Tray Efficiency and Turndown

Key: DST = Device Specific Project – Trays  
DSP = Device Specific Project – Packing  
MD = Modeling  
OR = Opportunity Research Project



# LONG-RANGE PLAN (Continued)

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3

- DSP-5 Effect of Liquid Distribution on Structured Packing Efficiency Hump at High Pressures
- DSP-4 Structured Packings with High Specific Area
- MD-6/7 Valve Tray Efficiency Enhancement with Push Valves
- DST-1 Tray Blowing
- OR-6 Heat Transfer in Pumparound Zones
- DST-18 Fouling Resistance Testing/Studies of Relative Solids Handling Characteristics and Efficiencies
- DSP-3 Deentrainment Capacity of Packings
- DST-21 Tray Efficiency Loss with Low Entrainment

