BASELINE RENDEZVOUS CONFIGURATION
GENERAL ARRANGEMENT

- RENDEZVOUS DISPLAYS AND CONTROL
- DOCKING ARM
  - STAR TRACKERS (2)
  - HORIZON SCANNERS (2)
- DOCKING RING SEGMENT
  - COMMUNICATIONS ANTENNA (4)
  - ACS NOZZLES
  - VIEWING PORTS (3)
  - EXTRAVEHICULAR HATCH
- DOCKING KIT STRUCTURE
  - TRANSFER TUNNEL
  - REPLACES BASELINE EQUIPMENT COMPARTMENT
- CHASER
- OPTICS DOOR
- TARGET
- RADIATOR
- ANTENNA DOOR
- POINTING & TRACKING SCOPE

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RESUPPLY
LAUNCHES

INITIAL LAUNCH
(UNMANNED)

POSSIBLE LAUNCH
FOR 4 MAN OPERATIONS

RESUPPLY
LAUNCHES

INITIAL LAUNCH
(UNMANNED)

POSSIBLE LAUNCH
FOR 4 MAN OPERATIONS

HI RES. OPTICS
FAN. CAMERAS
POWER SUPPLY

PROPPELLANTS

COMPUTER
DATA CAPSULES
SPARE PARTS
EXPENDABLES

ELINT
PTS
FRAMING CAMERA
FILM PROCESSOR
LASER RANGING
COMPUTER
SPARES STORAGE

LIFE SUPPORT EXPENDABLES
SPARES
PROPPELLANTS
MISSION EQUIPMENTS
MISSION SUPPORT SUPPLIES
LABORATORY VEHICLE INTERIOR ARRANGEMENT

- **SECTION AA**
  - AMU Control Unit
  - RMU Task Panel, Hard Line, Tether Line Net, Pneumatics
  - Recorder & Attach Box
  - RMU Refurbishment
  - Film Storage
  - Tape Storage
  - Gaseous Pump
  - Propellant Pump
  - Propellant Tank
  - O₂ Tank
  - Water Pump
  - Checkout

- **SECTION BB**
  - Life Support (Food) & Hygiene Facility (Supplies)
  - Attitude Control
  - Biomed Center
  - Communications Equip and Recreation Equip

- **SECTION CC**
  - ACS Propellant Tanks
  - Fuel Cells (b)
  - Tunnel (Provisions)

- **EXTRAVEHICULAR HATCH**
  - STAR TRACKERS (2)
  - TRANSFER TUNNEL (PROVISIONS)
  - POINTING & TRACKING SCOPE

- **FUEL CELLS (13)**
  - PIO OPTICS
  - STOWED

- **SECTION AA**
  - TV Camera
  - Sleeping
  - Spares Kit

- **SECTION BB**
  - Maintenance Model
  - Repair Kit
  - Environmental Control Console

- **SECTION CC**
  - Environmental Control Console
  - Life Support (Food) & Hygiene Facility (Supplies)
  - Attitude Control
  - Biomed Center
  - Communications Equip and Recreation Equip

- **ENVIRONMENTAL SYSTEMS**
  - AC/DC Power Supply
  - Environmental Control Console
  - Life Support (Food) & Hygiene Facility (Supplies)
  - Attitude Control
  - Biomed Center
  - Communications Equip and Recreation Equip

- **FUEL CELLS (13)**
  - PIO OPTICS
  - STOWED

- **FUEL CELLS (13)**
  - TV Camera
  - Sleeping
  - Spares Kit
MODULAR CONCEPT

- INITIAL MOL FLIGHTS
  
1 : CAN; INCL. MISSION EQUIPT.
1A : CAN; LESS MISSION EQUIPT.
2 : FUEL CELL/PROPELLANTS/TEST MODULE SECTION
3 : SENSOR MODULE

- BACK-TO-BACK RENDEZVOUS

- OPERATIONAL FLIGHTS

RESUPPLY ← 1ST LAUNCH (UM)
OPERATIONAL CONFIGURATION CONCEPT

- ATTITUDE CONTROL/SUSTENANCE
- POWER (FUEL CELLS)
- LIFE SUPPORT (ECS + EXPENDABLES)
- MISSION SUPPLIES (E.G. FILM)
- DATA CAPSULES
- REACTANTS & PROPELLANTS

- ATTITUDE CONTROL/SUSTENANCE
- PTS, ELINT, CONTROLS/DISPLAYS
- HIGH RESOLUTION OPTICS

- ATTITUDE CONTROL/SUSTENANCE
- LIFE SUPPORT (ECS)
- SENSORS
- INFORMATION SUBSYSTEM
- CONTROL/DISPLAYS

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