

## Stuff needed for Type B

### Stuff for BS

Item	Do we have it?	Notes
Feedthrough Adapters (Parts)	Need to order	
Feedthroughs	Y	
PI	Y	
Geophones	Y	
Geophone Adapter (Parts)	N	
Geophone PI-Flange Cable (Parts)	N?	
Accelerometers (if decided)	?	
Other PI-Flange Cables	Y	
Cable Clamps on PI Blade Spring Bases	Y	
Cable Clamps on Top Filter	Y	
Cable Clamps on Rods	Y	
Collets for Cable Clamps on Rods	Ordered	
Lower Breadboard Springs	Ordered	
Lower Breadboard Spring Bases	Y	
Lower Breadboard Rods	Y	
Lower Breadboard Rod Mods	Ordered	
Lower Breadboard Damper Rings	Y	
Lower Breadboard Damper Ring Mods	Y	
Maraging rods	Y	
Magnets	Y?	
Magic Wand	Y?	
Fishing Rod	Y?	
Security Structure (SS)	Y	
Modified SS Rods 353 (M10 holes)	N	
SF Damper Ring	Y	
SF	Y	
Cable Clamps on SF	Y	
SF_PI Cables (new, longer)	?	
BF	Y	
Cable clamps on BF	Y	
BF-PI Cables (new, longer)	?	
IRM	Y	
IRM OSEMs	Akutsu-san	
IM	Y	
Cable Clamps on IM	Y	
Flags on IM	Y	
IM Wire Clamp Mods	Y	
Compensation masses for IM	Y	
BS IM Flags	Y	
BS IM Flag Magnets	Y	
IM-BF Cables (OSEM/pico)	Y	

Wires	N	
Safety Bar	Y	
RM	Y	
EQ Stop Screws	Y	
RM OSEMs	Akutsu-san	
Dummy BS	Y	
Mirrors for Dummy BS	Y	
Dummy BS Large Mirror	Akutsu-san	
Real BS	Hirose-san	
BS Sapphire Primary Prisms	Y	
BS Dummy Primary Prisms	Y	
BS Secondary Prisms	Y	
BS Optic Flags	Y	
BS Optic Flags (new set, if not reused)	?	
BS Optic Flag Magnets	Y	
BS Mirror Box (Tatsumi)	Y	
BS Mirror Box Mods (Tatsumi)	Y	
RM-BF Cables (OSEM)	Y	
Fasteners	Y	
Pico Driver/Joystick	Y	
Stepper Motors	Y	
Picomotors	Y	
Signal Generator (or NIKHEF Card)	Y	Use PR3 one for now
AEL: AA Chassis D1100621	Y	
AEL: AI Chassis D1101521	Y	
AEL: Ethernet Hub	Y	
AEL: Geophone Distributor D1402120	Y	
AEL: High Power Coil Driver D1503504	Y	
AEL: Low Power Coil Driver D1503506	Y	
AEL: LVDT Driver Chassis D1402826	Y	
AEL: LVDT/ACT Distributor D1402124	Y	
AEL: OL QPD Amp D1402411	Y	
AEL: Sat Amp D1503498	Y	
AEL: Stepper Driver D1600TBD	Y	
AEL: Whitening Chassis D1302087	Y	
AEL: Assorted D-Sub cables	Y	
AEL: LAN Cable Rack to Rack	Y	

## Stuff needed for Type B

### Stuff for SR2/3

Item	Do we have it?	Notes
Feedthrough Adapters (Parts)	N	
Feedthroughs	Y?	
PI	Ordered	
Accelerometers or Geophones	N	
Geophone Adapter (Parts)	If geophones	
Geophone PI-Flange Cables (Parts)	If geophones	
Other PI-Flange Cables	N	
Cable Clamps on PI Blade Spring Bases	?	
Cable Clamps on Top Filter	?	
Cable Clamps on Rods	?	
Collets for Cable Clamps on Rods	?	
Lower Breadboard Springs	?	
Lower Breadboard Spring Bases	?	
Lower Breadboard Rods	N	
Lower Breadboard Rod Part Mods	N	
Lower Breadboard Damper Rings	Y	
Maraging rods	Y	
Magnets	Y?	
Magic Wand	Y?	
Fishing Rod	Y?	
Security Structure (SS)	Y?	
Modified SS Rods 353 (M10 holes)	If needed based on BS	
SF Damper Ring	Y	
SF	Y	
Cable Clamps on SF	Y	
SF_PI Cables	?	
BF	Y	
Cable clamps on BF	Y	
BF-PI Cables	?	
Payload parts per original design	Y	
Payload mods per PR3	?	
IRM	Y	
IRM OSEMs	Akutsu-san	
IM	Y	
Cable Clamps on IM	?	
Flags on IM	N	
IM Wire Clamp Mods	N	
Compensation masses for IM	?	
SR IM Flags	N	

SR IM Flag Magnets	?	
IM-BF Cables (OSEM/pico)	N?	
Wires	N	
Safety Bar	Y	
RM	Y	
EQ Stop Screws	Y	
RM OSEMs	Akutsu-san	
Dummy SR	?	Use PRx dummy?
Mirrors for Dummy SR	Y?	
Real SR2, SR3	Hirose-san	
SR Sapphire Primary Prisms	with BS	Assume can reuse prisms on dummy BS
SR Secondary Prisms	N	
SR Optic Flags	N	
SR Optic Flag Magnets	N	
SR Mirror Box (Tatsumi)	Y?	Maybe reuse PRx mirror box
SR Mirror Box Mods (Tatsumi)	Y	
RM-BF Cables	Y	
Fasteners	Y	
Pico Driver/Joystick	Y	
Stepper Motors		
Picomotors	Y	
Stepper Motors	Y	
Signal Generator (or NIKHEF Card)	?	Use PR3 one for now
AEL: AA Chassis D1100621	Y	
AEL: AI Chassis D1101521	Y	
AEL: Ethernet Hub	Y	
AEL: Geophone Distributor		
D1402120	Y	
AEL: High Power Coil Driver		
D1503504	Y	
AEL: Low Power Coil Driver		
D1503506	Y	
AEL: LVDT Driver Chassis D1402826	Y	
AEL: LVDT/ACT Distributor		
D1402124	Y	
AEL: OL QPD Amp D1402411	Y	
AEL: Sat Amp D1503498	Y	
AEL: Stepper Driver D1600TBD	Y	
AEL: Whitening Chassis D1302087	Y	
AEL: Assorted D-Sub cables	Y	
AEL: LAN Cable Rack to Rack	Y	

## Stuff needed for Type B

### Sheet 3/3: stuff for SRM

Item	Do we have it?	Notes
Feedthrough Adapters (Parts)	N	
Feedthroughs	Y?	
PI	Ordered	
Accelerometers or Geophones	N	
Geophone Adapter (Parts)	If geophones	
Geophone PI-Flange Cables (Parts)	If geophones	
Other PI-Flange Cables	N	
Cable Clamps on PI Blade Spring Bases	?	
Cable Clamps on Top Filter	?	
Cable Clamps on Rods	?	
Collets for Cable Clamps on Rods	?	
Lower Breadboard Springs	?	
Lower Breadboard Spring Bases	?	
Lower Breadboard Rods	N	
Lower Breadboard Rod Part Mods	?	
Lower Breadboard Damper Rings	Y	
Maraging rods	Y	
Magnets	Y?	
Magic Wand	Y?	
Fishing Rod	Y?	
Security Structure (SS)	N?	
Modified SS Rods 353 (M10 holes)	If needed based on BS	
SF Damper Ring	Y	
SF	Y	
Cable Clamps on SF	N?	
SF_PI Cables	?	
BF	Y	
Cable clamps on BF	N?	
BF-PI Cables	N?	
Payload mods per PR3	?	
IRM	N	
IRM OSEMs	Akutsu-san	
IM	N	

Cable Clamps on IM	N	
Flags on IM	N	
IM Wire Clamp Mods	?	
Compensation masses for IM	?	
SR IM Flags	N	
SR IM Flag Magnets	?	
IM-BF Cables (OSEM/pico)	N?	
Wires	N	
Safety Bar	N	
RM	Y	
EQ Stop Screws	Y	
RM OSEMs	Akutsu-san	
Dummy SR	?	Use PRx dummy?
Mirrors for Dummy SR	Y?	
Real SR2, SR3	Hirose-san	
SR Sapphire Primary Prisms	with BS	Assume can reuse prisms on dummy BS
SR Secondary Prisms	N	
SR Optic Flags	N	
SR Optic Flag Magnets	N	
SR Mirror Box (Tatsumi)	Y?	Maybe reuse PRx mirror box
SR Mirror Box Mods (Tatsumi)	Y	
RM-BF Cables	Y	
Fasteners	N	
Pico Driver/Joystick	?	
Stepper Motors	?	
Picomotors	?	
Stepper Motors	?	
Signal Generator (or NIKHEF Card)	?	Use PR3 one for now
AEL: AA Chassis D1100621	Y	
AEL: AI Chassis D1101521	Y	
AEL: Ethernet Hub	Y	
AEL: Geophone Distributor D1402120	Y	
AEL: High Power Coil Driver D1503504	Y	
AEL: Low Power Coil Driver D1503506	Y	
AEL: LVDT Driver Chassis D1402826	Y	
AEL: LVDT/ACT Distributor D1402124	Y	
AEL: OL QPD Amp D1402411	Y	
AEL: Sat Amp D1503498	Y	

AEL: Stepper Driver D1600TBD	Y
AEL: Whitening Chassis	
D1302087	Y
AEL: Assorted D-Sub cables	Y
AEL: LAN Cable Rack to Rack	Y

## Stuff needed for Type B

### Common use items

Item	Do we have it?	Notes
BS Assembly Frame (including load gauge adapter, cleanbag support)	Ordering	
Optical Table	Y	
Clean bag	Ordered	
Rails, Teflon Balls for hanging frame	Y	
Work Stands	Ordered	
Crane Adapter	Y	
PI Guides		In assembly frame order?
OL for alignment	Akutsu-san	