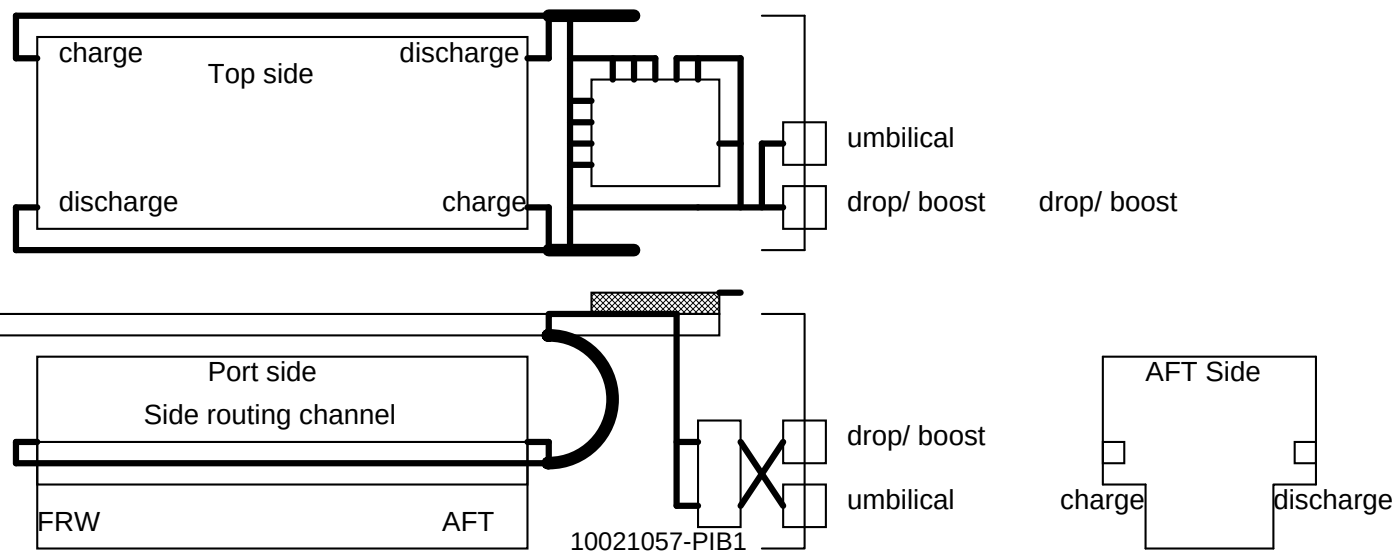
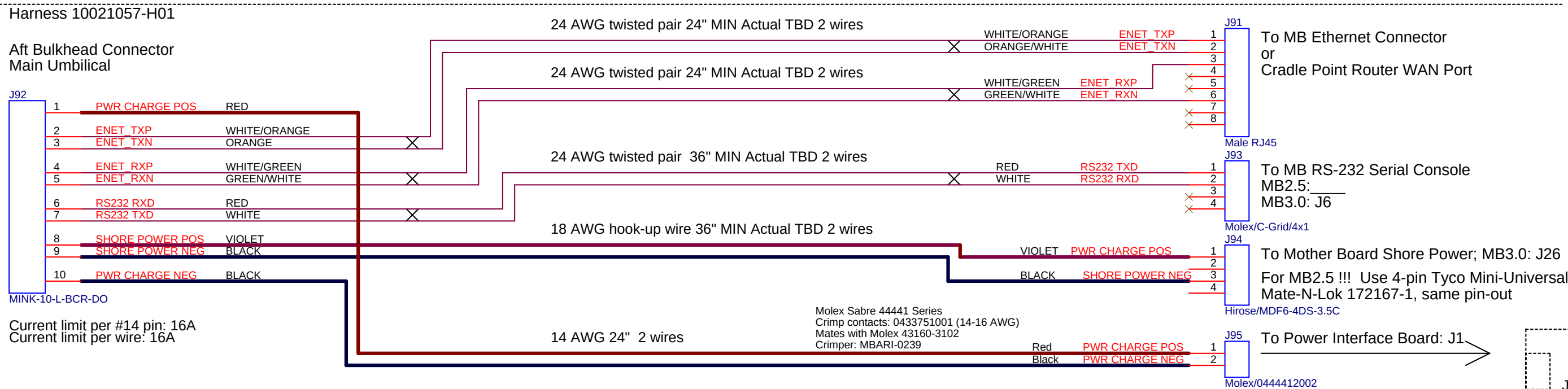
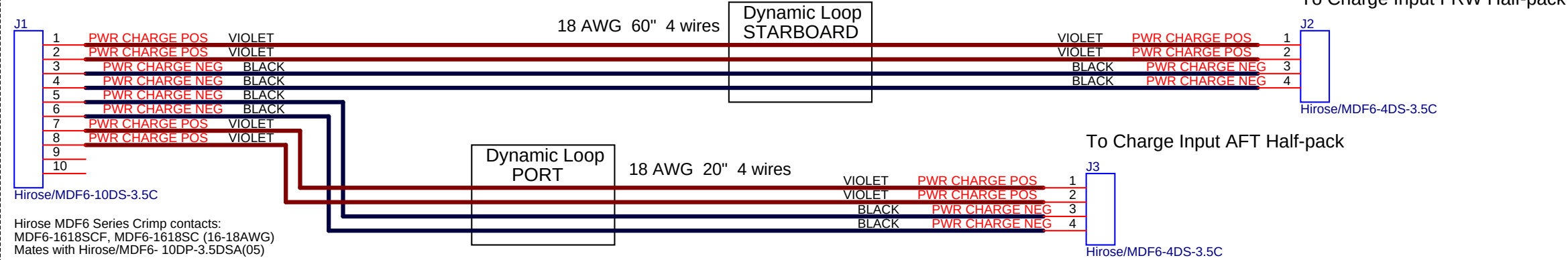


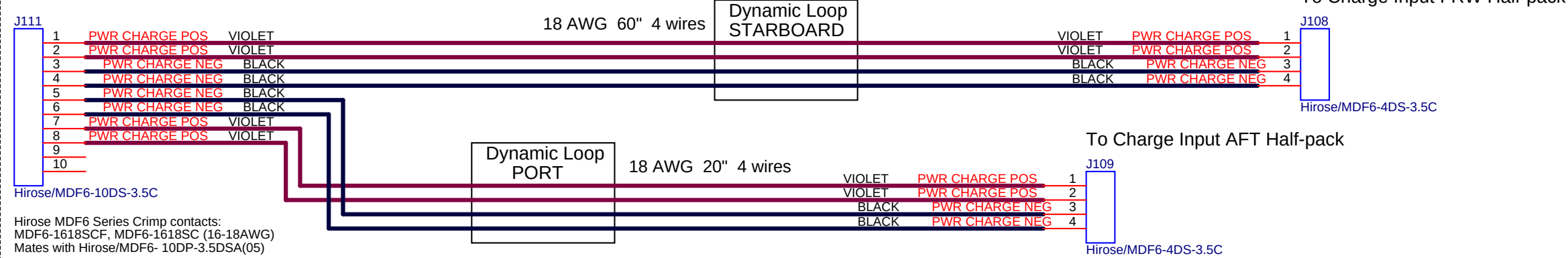


		Monterey Bay Aquarium Research Institute 7700 Sandholdt Rd, Moss landing CA 95076	
Engineer Klimov		Page Title Charge Harnesses p1	
831-775-1914		Project: 901400	
Size B	Doc. or Part Number <Doc>	File Name (auto) 10021057-APACK-HARNESSES	Rev *
Page Modify Date (auto):		Wednesday, July 01, 2015	Sheet:
Design Modify Date (auto):		Wednesday, July 01, 2015	1 of 4

Harness 10021057-H03 (1 of 2)



Harness 10021057-H03 (2 of 2)



Max voltage drop:
18 AWG: 6.39 mOhm/ft * 5 ft * 3A = 96 mV

Hirose MDF6 series Current Rating

Charging per battery pack 24A MAX

Per Half-Pack 12A MAX

Per connector 6A

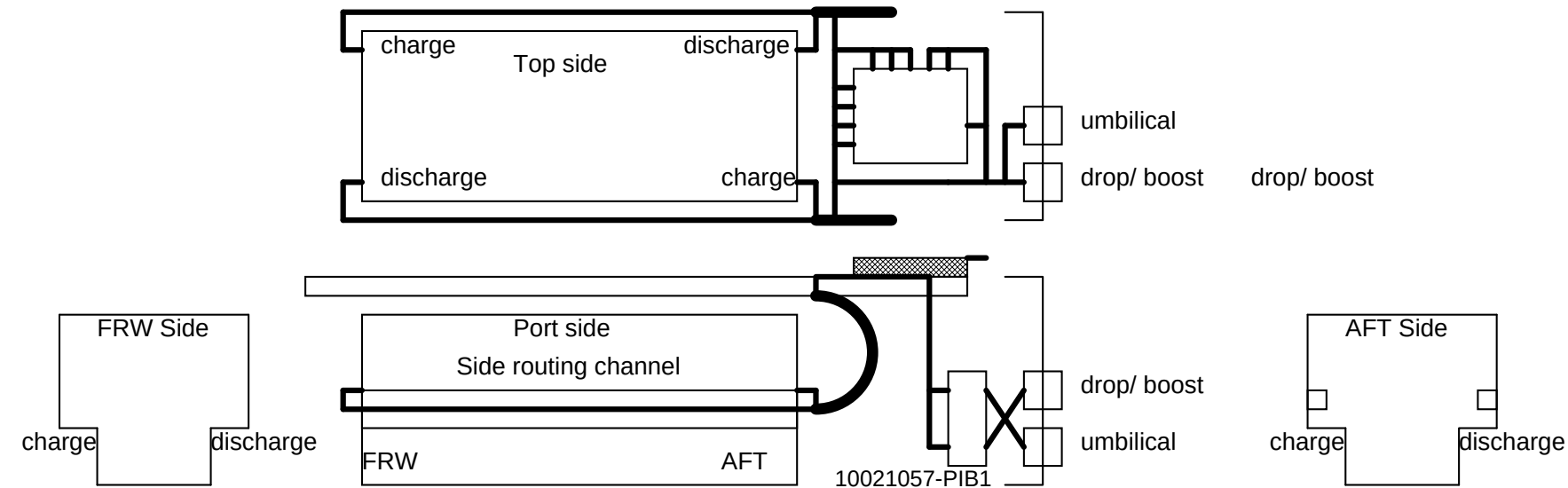
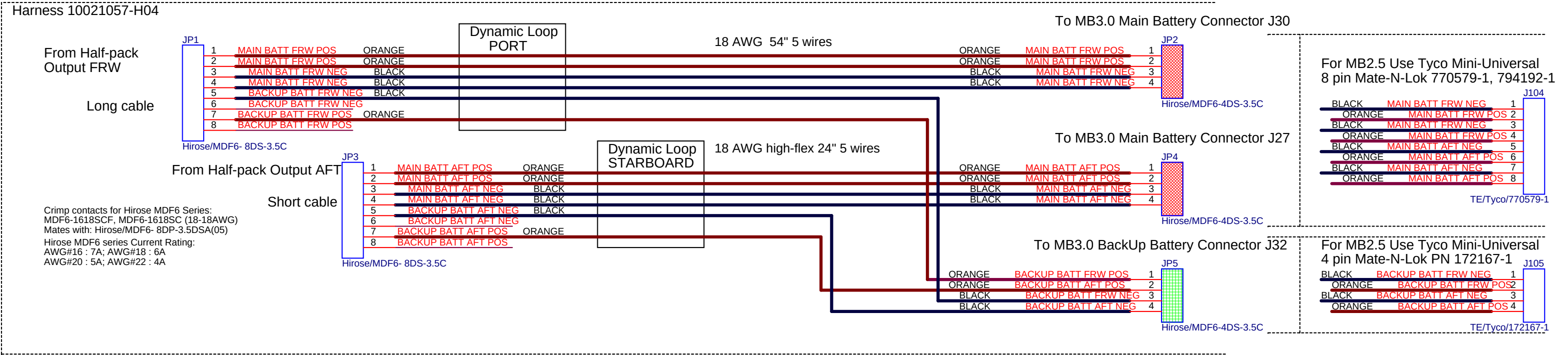
Per wire 3A

AWG#16 : 7A
AWG#18 : 6A
AWG#20 : 5A
AWG#22 : 4A



Monterey Bay Aquarium Research Institute
7700 Sandholdt Rd, Moss landing CA 95076

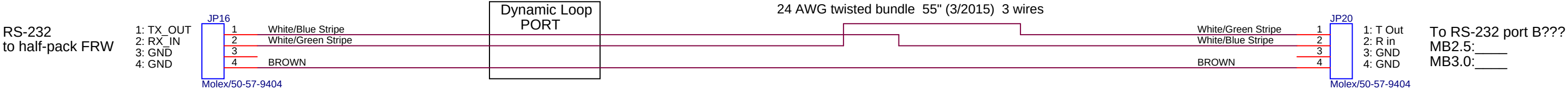
		Page Title		Project:
Engineer Klimov 831-775-1914		Charge Harnesses p2		901400
Size	Doc. or Part Number	File Name (auto)	Rev	
B	<Doc>	10021057-APACK-HARNESSES	*	
Page Modify Date (auto):		Wednesday, July 01, 2015	Sheet:	
Design Modify Date (auto):		Wednesday, July 01, 2015	2 of 4	
Full path (auto):				



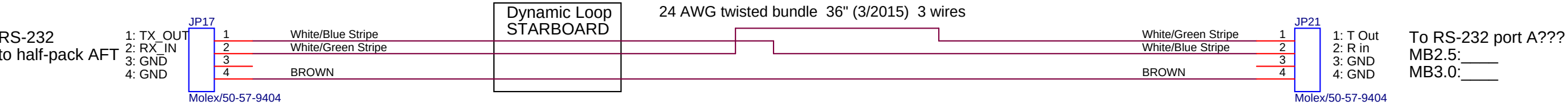
RevA(07/30/2014): Initial Release
RevB(03/26/2015): ____

		Monterey Bay Aquarium Research Institute 7700 Sandholdt Rd, Moss landing CA 95076	
Engineer Klimov		831-775-1914	
Size B		Doc. or Part Number <Doc>	
Page Modify Date (auto): Design Modify Date (auto):		Wednesday, July 01, 2015 Wednesday, July 01, 2015	
Sheet:		3 of 4	

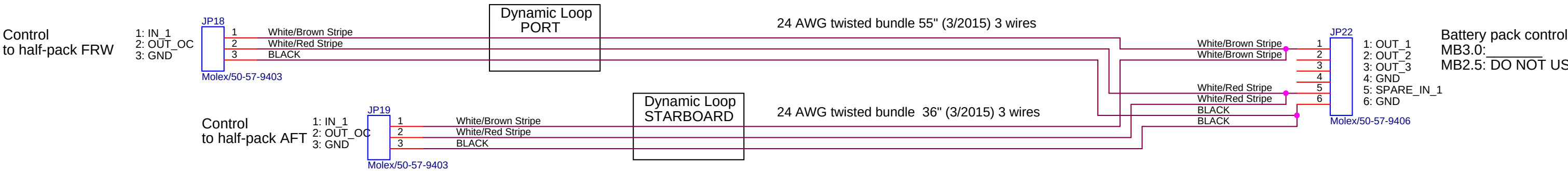
Harness 10021057-H05



Harness 10021057-H06



Harness 10021057-H07





Monterey Bay Aquarium Research Institute
7700 Sandholdt Rd, Moss landing CA 95076

Engineer Klimov 831-775-1914		Page Title COMM Harnesses		Project: 901400	
Size B	Doc. or Part Number <Doc>	File Name (auto) 10021057-APACK-HARNESSES		Rev *	
Page Modify Date (auto): Design Modify Date (auto): Full path (auto):		Wednesday, July 01, 2015 Wednesday, July 01, 2015		Sheet: 4 of 4	