

Gulf of Maine Cod Example Short - Term Catches

New England Fishery Management
Council

February 1, 2012

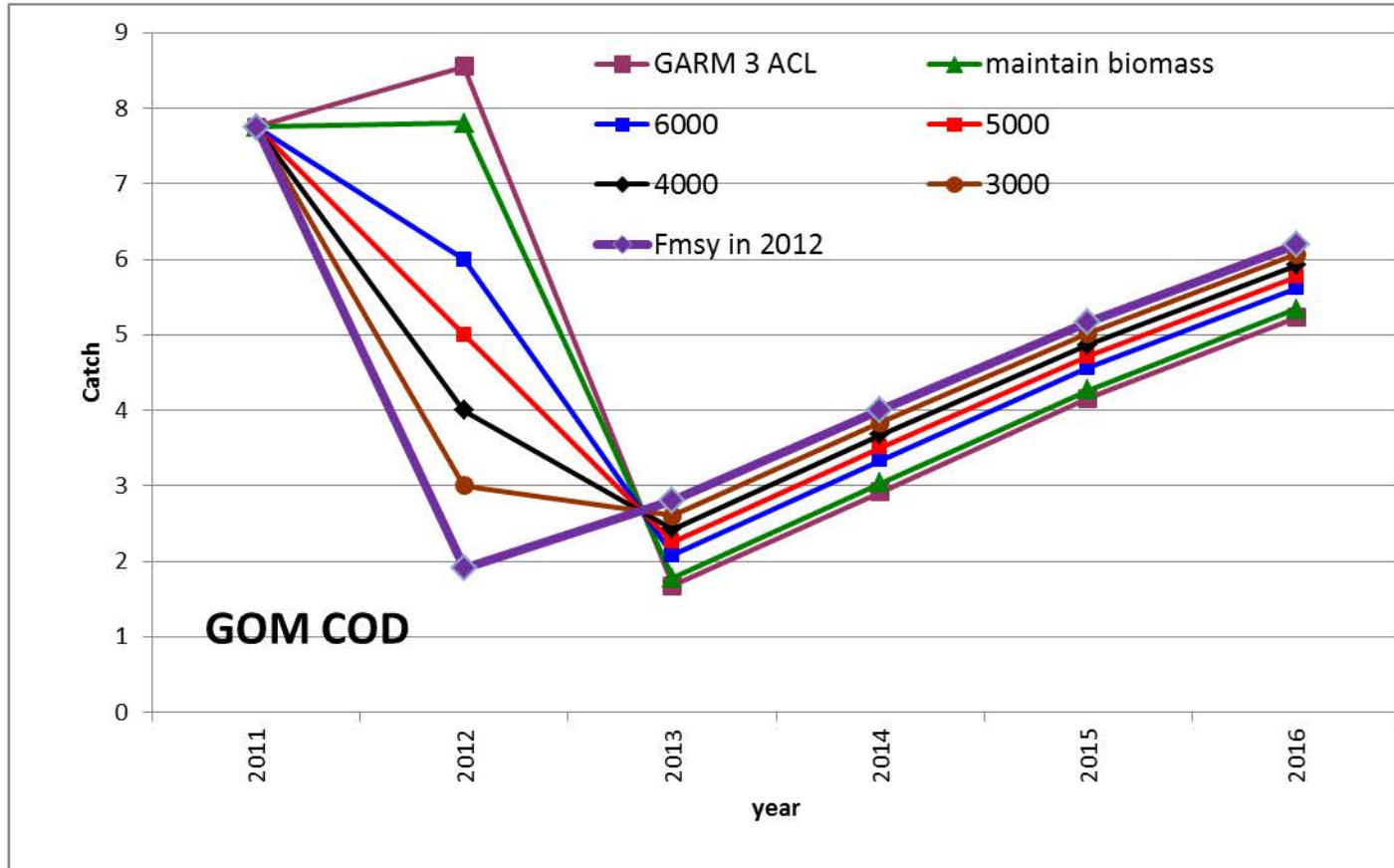
Cautions

- Based on SARC 53 assessment
- Do not account for all uncertainties
- Projections tend to overestimate stock growth
- Rebuilding period is unknown and could have large impact on catches for 2013 and beyond
- Fishing year/calendar year issues?

Scenarios

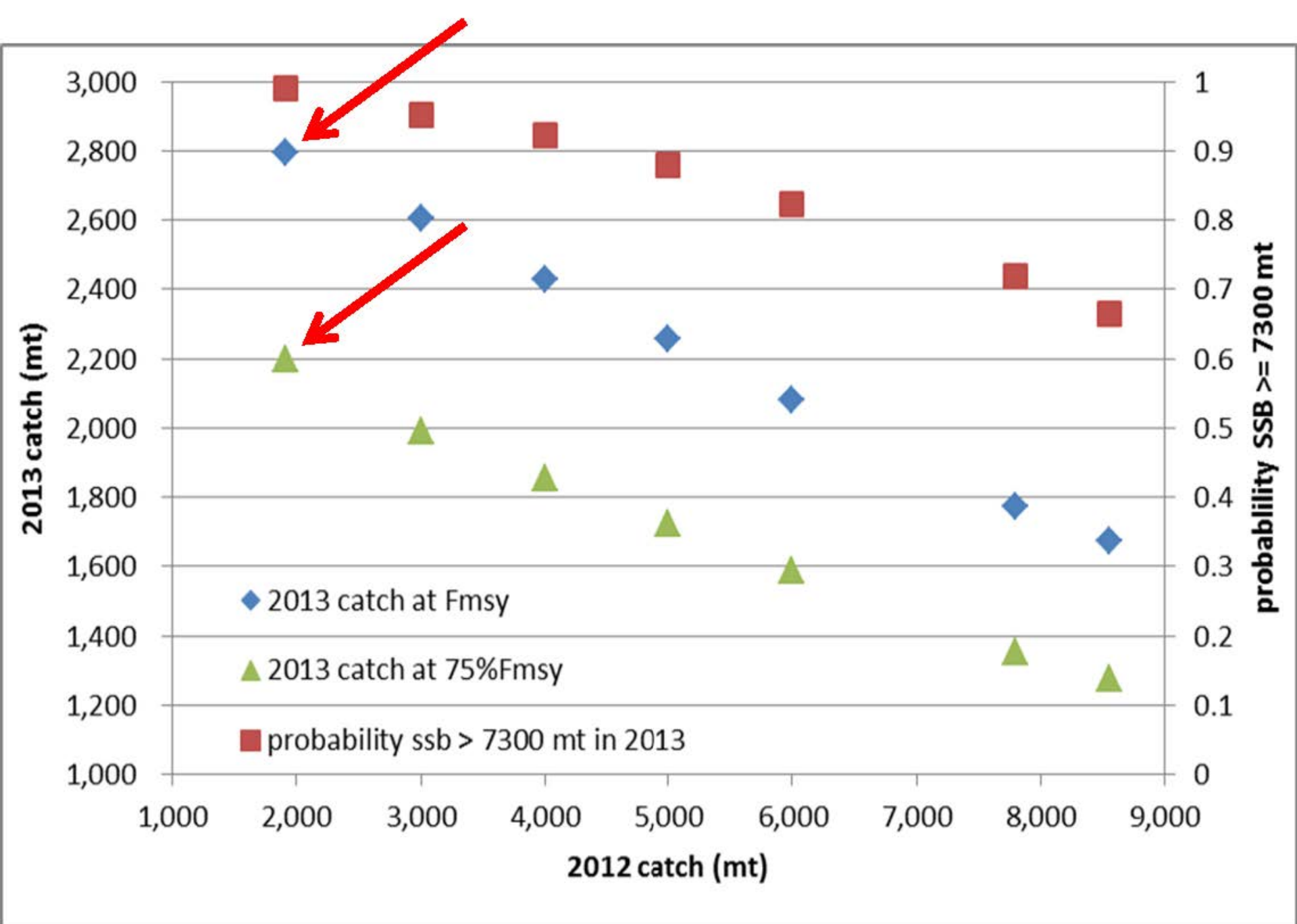
- Framework 44 ACL for FY 2012 (8,551 mt)
- Catch that maintains January 1 biomass from 2012 to 2013 (7,800 mt)
- Range of catches from 6,000 mt to 1,915 mt (FMSY)

Catch Streams

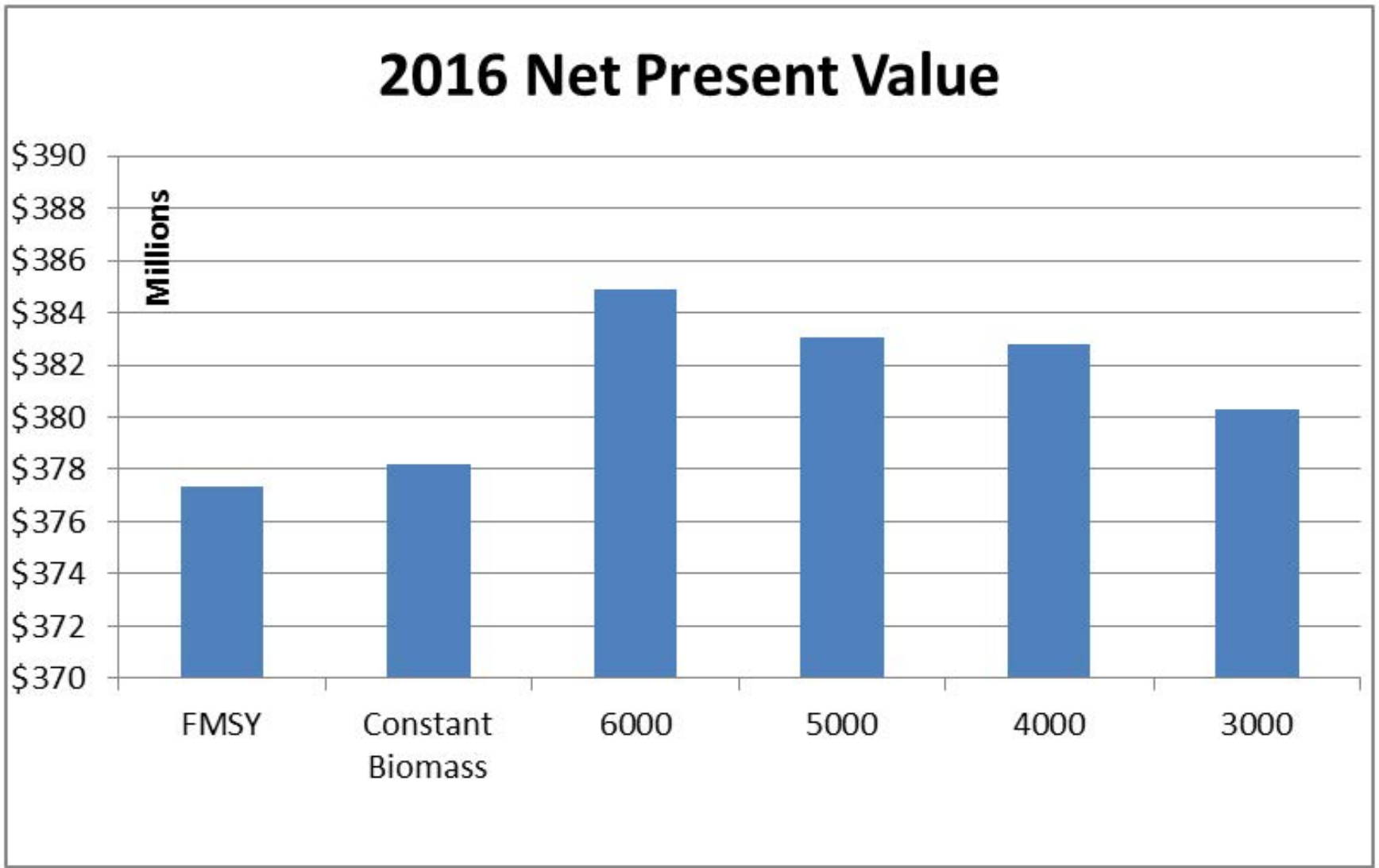


Probability of Stock Size Above 7,300 mt

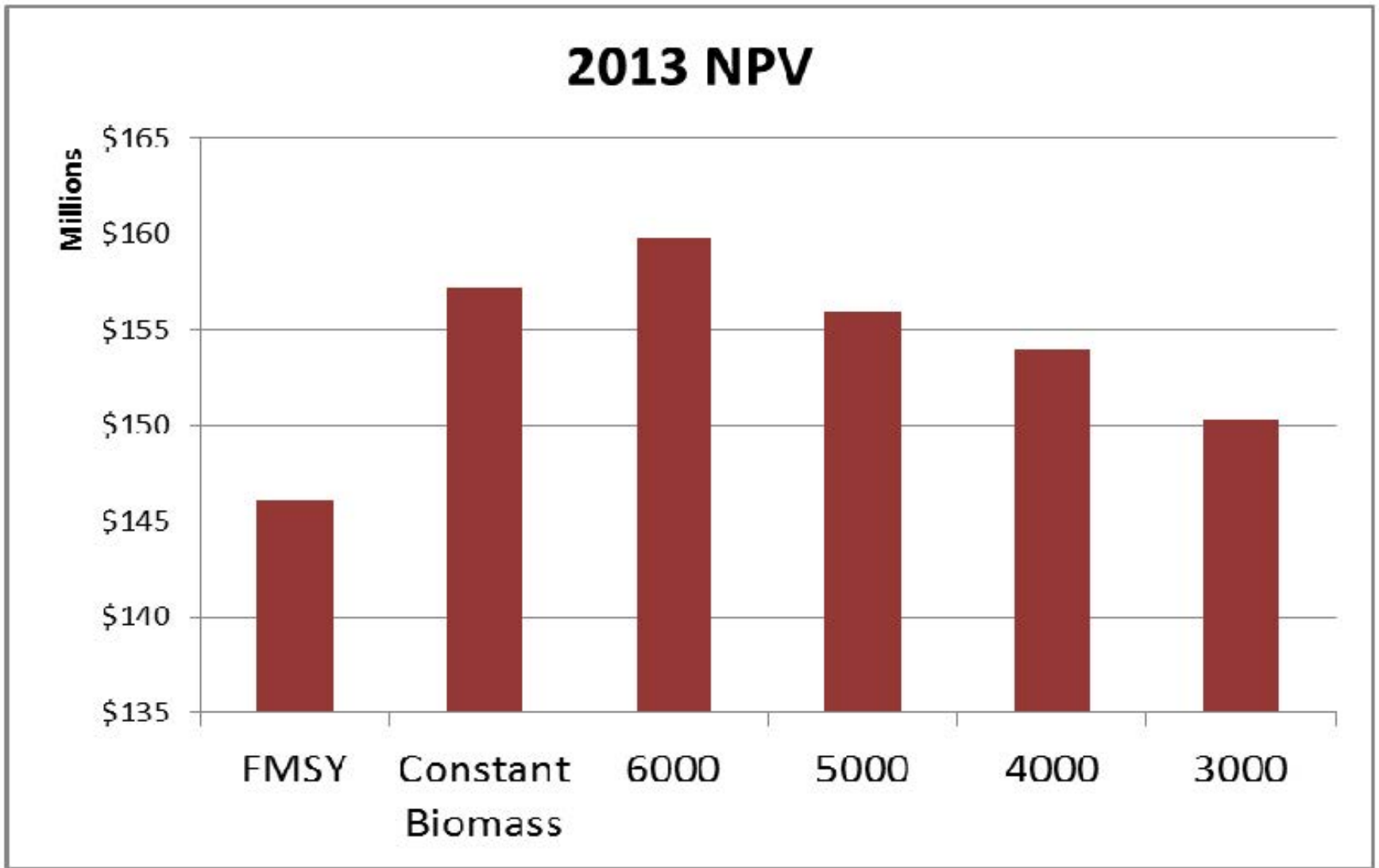
Year	GARM 3 ACL	Maintain Biomass 2012 - 2013	CY 2012 6000	CY 2012 5000	CY 2012 4000	CY 2012 3000	Fmsy in 2012
2011	0.811	0.811	0.811	0.811	0.811	0.811	0.811
2012	0.609	0.634	0.686	0.718	0.745	0.76	0.794
2013	0.665	0.719	0.823	0.879	0.922	0.951	0.99
2014	0.956	0.965	0.982	0.992	0.997	0.999	1
2015	0.994	0.995	0.998	1	1	1	1
2016	0.999	0.999	1	1	1	1	1



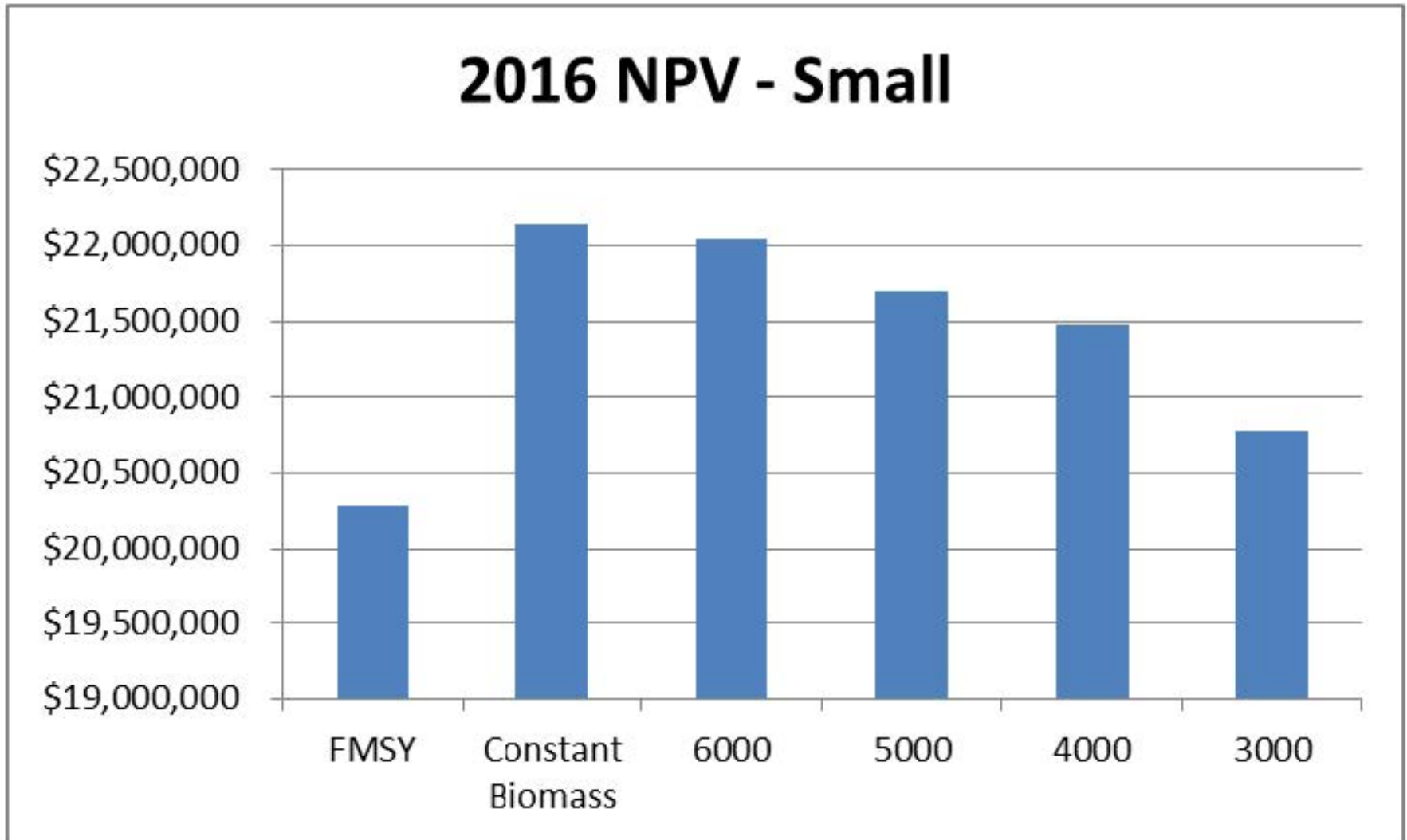
Revenues



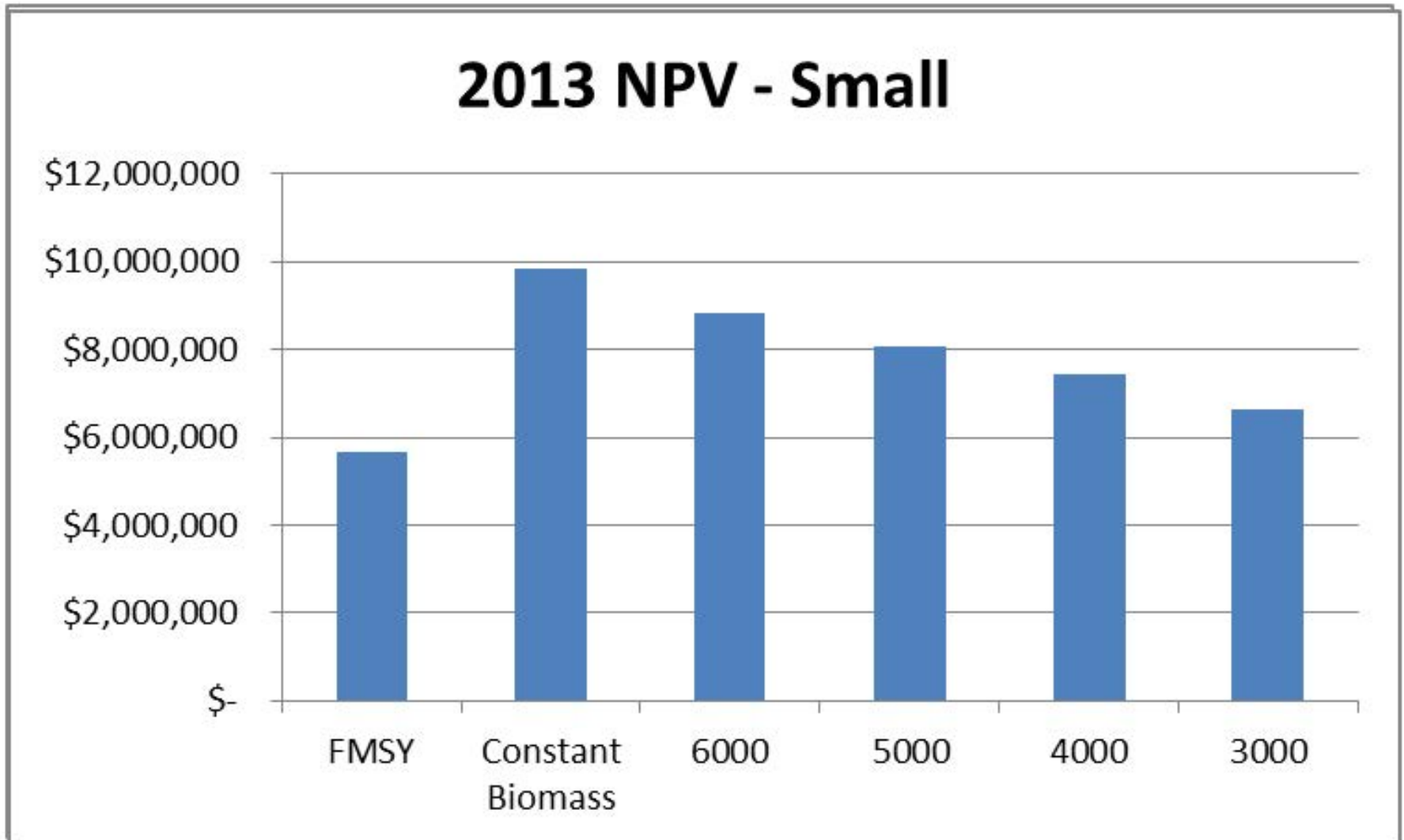
Revenues



Small Vessel



Small Vessel



Questions?