

FIRST DISTRICT's GAR RISK VS. GAIN MATRIX

Risk must be weighed with potential gain. Is the potential gain (high, medium, low) worth the risk? In general, a low gain mission results in only intangible benefits or has a low probability for giving concrete results. A medium gain mission should provide immediate, tangible results. A high gain mission provides immediate, tangible results that if ignored could result in loss of life. The following list of missions is not intended to be all inclusive, but gives some examples that illustrate typical scenarios. After determination of risk and gain, the risk vs. gain matrix should be consulted to determine the appropriate course of action.

MISSION	GAIN LEVEL		
	Low	Medium	High
MHLS	General Harbor Patrol	Vessel Escort, no specific threat	Vessel escort, specific threat
SAR	MARSEC 1 patrol, routine tasking	MARSEC 2 patrol, specific tasking	MARSEC 3 response, specific intel and/or threat
	Uncorrelated MAYDAY	Confirmed MAYDAY	Confirmed PIW
	Disabled Vsl	Vsl T.O.W.	Capsized Vsl
Training	Unreported Vessel	Vessel Aground	Critical Medico
	Area Familiarization	Critical Training for watchstander qual	There are no high gain training missions
LMR	LMR Patrol	LMR enforcement w/ specific intel	There are no high gain LMR missions.
	Stranded/entangled marine mammal	Stranded/entangled Northern Right Whale	
ATON	Non-essential Off-Station	Essential Off-Station	Critical Off-station
	Non-essential Extinguished	Essential Extinguished	Critical Extinguished
	Routine ATON maintenance		
MEP	Harbor Patrol	Response Assistance	Response assistance, lives in danger
Domestic Ice Breaking	General Harbor Patrol	Response Assistance	Response to fill critical shortage; lives in danger

	High Gain	Medium Gain	Low Gain
Low Risk	Accept the Mission. Continue to monitor Risk Factors, if conditions or mission changes.	Accept the Mission. Continue to monitor Risk Factors, if conditions or mission changes.	Accept the Mission. Re-evaluate Risk vs. Gain, should Risk Factors change.
Medium Risk	Accept the Mission. Continue to monitor Risk Factors and employ Control Options when available.	Accept the Mission. Continue to monitor Risk Factors and employ Control Options when available.	Accept the Mission. Continue to monitor Risk Factors and actively pursue Control Options to reduce Risk.
High Risk	Accept the Mission only with Command endorsement. Communicate Risk vs. Gain to Chain of Command. Actively pursue Control Options to reduce Risk.	Accept the Mission only with Command endorsement. Communicate Risk vs. Gain to Chain of Command. Actively pursue Control Options to reduce Risk.	Do not Accept the Mission. Communicate to Chain of Command. Wait until Risk Factors change or Control Options warrant.