

| <b>JTC LNG Study Schedule</b>  | <b>Completion Date</b> |
|--|------------------------|
| <b>Task One: White Paper on Energy Source for Vessel Propulsion</b>  | <b>Oct. 19</b>         |
| History of LNG use in vessels and ferries, worldwide and in the US   |                        |
| Economics of LNG use compared to ultra low sulfur diesel/Compressed gas option   |                        |
| Desirability of dual-fuel options vs. solely LNG as a fuel source  |                        |
| Impact of LNG on vessel speed, performance & maintenance   |                        |
| Regulatory requirements  |                        |
| Other Considerations<br>Findings of conversion or new studies<br>Other auto-passenger ferry systems review<br>Environmental considerations |                        |
| Draft White Paper – workgroup review   | Oct. 3                 |
| Final White Paper  | Oct. 10                |
| JTC Presentation   | Oct. 19                |
| <b>Task 2a – Overview &amp; Initial Assessment of WSF Studies and Reports</b>  | <b>Oct. 19</b>         |
| Interview WSF  | Sept. 6                |
| Draft overview – workgroup review  | Oct. 3                 |
| Final overview   | Oct. 10                |
| JTC Presentation   | Oct. 16                |
| <b>Task 2b – Evaluation of WSF Studies and Reports</b>   | <b>Nov. 16</b>         |
| Capital costs  |                        |
| Operating and preservation costs   |                        |
| Fuel market  |                        |
| Dual-fuel option vs. solely LNG as fuel source   |                        |
| Return on investment   |                        |
| Regulatory costs   |                        |
| Draft evaluation – workgroup review  | Nov. 1                 |
| Final overview   | Nov. 16                |
| JTC Presentation   | Nov. 16                |
| <b>Task 3 – LNG Implementation Issues for WSF</b>  | <b>Nov. 16</b>         |
| Regulatory issues  |                        |
| Refueling  |                        |
| Labor and collective bargaining issues   |                        |
| Vessel and facility security issues  |                        |
| Routes   |                        |
| Timeframe/schedule implications  |                        |
| Other vessels  |                        |
| Draft findings and recommendations – workgroup review  | Nov. 1                 |
| Final overview   | Nov. 8                 |
| JTC Presentation   | Nov. 16                |
| <b>Draft and Final Report</b>  |                        |
| Draft report to JTC staff and staff workgroup  | Nov. 28                |
| Draft final report to JTC staff and staff workgroup  | Dec. 16                |
| Presentations during session   |                        |