

BOPC NavTech Committee

Meeting Date: 01/10/2017

1. **SFBP Proposed Process for seeking Board Approval – NavTech Surcharge** – *presented at 12/12/16 mtg – **copy attached***

2. **SFBP Presentation**
 - a. Brief review of **SFBP’s presentation at 2015 Rate Hearing** – *completed, copies of power point presentation presented to committee – 12/12/16*

 - b. **Board Rate Hearing Findings and Recommendations re NavTech Surcharge** – *copies presented to committee – 12/12/16*

 - c. Brief review of industry and SFBP **support letters for AB 1432** re NavTech Surcharge - *copies presented to committee – 12/12/16*

 - d. Brief review of the statutory language of the Navigation Technology Surcharge effective 1/1/2017 in **HNC 1190.4** – *completed – 12/12/16*

 - e. Update on **status of current PPU’s and PilotMate Precision Docking Systems** – *completed 12/12/16 [possible update on transitional PilotMate support at 1/10 mtg]*

 - f. **Advances in Available Technology** – *completed 12/12/16*

 - g. Identification and **selection of potential vendors** – for Enhanced Route Piloting System (PPUs) and Precision Docking Systems – *presentation at 12/12/16 mtg may be augmented with additional information re final selection of vendor(s) for Route Piloting System and Precision Docking System*

 - h. **Features** of equipment that was tested/comparison of vendors - *presentation by Capt. McCloy at 12/12/16 mtg may be augmented with additional information re final selection of Route Piloting System and Precision Docking System [see attached 3 page matrix of comparisons for Route Piloting System and for Precision Docking System Hardware/Sensor and Software]*

 - i. **Basis for selection** of equipment proposed for acquisition - *presentation by Capt. McCloy at 12/12/16 mtg will be augmented with additional information re basis for selection of Route Piloting System and Precision Docking System [see h. above, which will be discussed in greater detail at the 1/10 mtg.]*

 - j. Plans for **financing**, related costs - *presentation by Business Director at 12/12/16 mtg may be augmented with estimates for total fees and interest charges over life of loan based on cost estimates [current estimate for borrowing \$1M and pay off over 4 years at prime is*

- about \$87,500K in fees and interest; amount will largely depend on timing and amounts of draw-downs and variations in prime over loan pay off period]*
- k. Plans for **maintenance and periodic updates** - presentation by Capt. McCloy at 12/12/16 mtg may be augmented with additional information re plans for maintenance and updates *[Estimated costs included in attached 4-page cost summary]*
 - l. Plans for **training** - Capt. McCloy to review/discuss at 1/10 mtg – train the trainer classes – costs, in-house training plans for Precision Docking System and Route Piloting System
 - m. **Back-up units** – Route Piloting System, Precision Docking System) – Capt. McCloy to discuss proposal for # of back-up units, supporting data, related costs – *[Cost info and # of units included in Cost Estimates. Reasoning for proposed # of units to be presented at 1/10 mtg]*
 - n. **Total costs** for PPU, Precision Docking Systems - Capt. McCloy to provide breakdown of costs and totals for each type of technology *[4-page summary of Cost Estimates attached]*
 - o. Proposed **timeline** for upgrading/replacing PPU, Precision Docking Systems – SFBP to provide proposed timeline – Capt. McCloy/RMP – *[proposed timeline may be provided under separate cover]*