ECN NO. :_D972501-A
INITIATOR : T. Thompson
DATE: $\qquad$
ENGINEERING CHANGE NOTICE (ECN)
NEXT ASSEMBLY NO.: D972501
CUSTOMER DRAWING NO.: D972501-1
DRAWING TITLE: HAM Top Assembly

| ITEM | DESCRIPTION OF CHANGE (FROM... $\ldots \ldots$... $\ldots . .$. .) (ADD....................) (DELETE... ... ..............) | SHEET | ZONE |
| :---: | :---: | :---: | :---: |
| 1 | Added Dash 5 \& 7 | 1 |  |
| 2 | Item 1 added part no. PSI V049-4-002 | 1 |  |
| 3 | Item 5 was D972715-3 is now D972715-1 | 1 |  |
| 4 | Item 16 "translating" added to description | 1 |  |
| 5 | Item 18 added Advantage grout, Dayton Superior \#1107 | 1 |  |
| 6 | Item 19 was D972609-1 \& -3 is now only -1 | 1 |  |
| 7 | Item 19 D972609-3 is now item 29 | 1 |  |
| 8 | Item 21 is now Ag plated | 1 |  |
| 9 | Item 23 was MDC \#190013 is now PSI supplied hardware | 1 |  |
| 10 | Item 25 is now Ag plated | 1 |  |
| 11 | Item 27 was 4.0 lg is now 3.5 lg | 1 |  |
| 12 | Item 28 was 2.25 lg is now 1.75 lg | 1 |  |
| 13 | Item 29 was soc hd screw, 3/8-16 unc-2A $\times 1.50 \mathrm{lg}$ is now D972609-3 Support Pier (Livingston) | 1 |  |
| 14 | Item 30 was 42 reqd. is now 30 | 1 |  |
| 15 | Item 30 was WFV-38 is now WFV-38-75 X 098 | 1 |  |
| 16 | Item 31 was ‘ $806-34-812$, Barnhill Bolt threaded anchor, $3 / 4-10$ unc- 2 A with 4.5 thd length" is now Hilti threaded anchor \#96802004 \& adhesive capsule \#00256702 | 1 |  |
| 17 | Item 32 was hex nut is now flanged hex nut | 1 |  |
| 18 | Item 33 was $3 / 4$ flat washer is now D972102-3 | 1 |  |
| 19 | Item 34 was soc hd sst screw, $1 / 4-20$ unc-2A $\times 1.25 \mathrm{lg}$ is now Barnhill flat washer \#318-12-A-01 | 1 |  |
| 20 | Item 37 was $3 / 8$ flat washer is now soc hd sts screw, $1 / 2-13$ unc-2A $\times 2.25 \mathrm{Ig}$ | 1 |  |
| 21 | Added items 38 through 43 | 1 |  |
| 22 |  |  |  |

DATE: $\quad$ 11-04-98
ENGINEERING CHANGE NOTICE (ECN
NEXT ASSEMBLY NO.: D972501
CUSTOMER DRAWING NO.: D972501-1
DRAWING TITLE: HAM Top Assembly
REVISION: FROM___ORIG._TO__

| TITLE | SIGNATURE | DATE APPROVE |
| :--- | :---: | :---: |
| CHANGED BY: Roger Smith |  | $11-04-98$ |
| CHECKED BY: Roger Smith |  | $10-14-98$ |
| ENGINEER: T. Thompson | Signature on file | $\mathbf{1 0 - 1 4 - 9 8}$ |
| LIGO: Mike Fine |  | $01-21-99$ |
| APPROVED: T. Thompson | 01-21-99 |  |
| POCATION: |  |  |

- No Hardware affected (record change only):
- List S/Ns which comply:
- List S/Ns to be reworked or scrapped:
- List $\mathrm{S} / \mathrm{Ns}$ to be built with this change:

ㅁ List $\mathrm{S} / \mathrm{Ns}$ to be retested per this change:

