

MEMORANDUM

8 December 1988

Subj: TRIP REPORT, USCG LORSTA KARGABURUN, 28 NOV - 4 DEC 1988

From: LTJG Stephanos

To: E, AE

*D 12/9 Good Report!*

*Thanks*

1. The purpose of my trip was to check on the rehab progress, gather information for various OG43 projects, and review our future maintenance plans with the station. The trip went well and I was able to accomplish all my objectives. Station engineering maintenance is good, and concentrated in the right areas. Below are details on various projects, with some comments and recommendations for your review.

2. BARRACKS REHAB: The rehab has started, and is progressing slowly, but on schedule. Four rooms in the Petty Officer wing are 80% renovated. The room occupants are either doubled up in other rooms, or occupying vacant TAD quarters. Room renovations will continue to be accomplished four to five at a time, with similar relocation arrangements for crew members. The new prefabricated COQ building is 80% complete, still in Ankara. I did not see the building, but was told by the Corp of Engineer Project Manager (Celal Asti) that the building looks "good". The excavation for the building foundation is complete, and currently being filled and compacted. The slab will probably not be poured for one to two weeks, and the building not installed until February. The inspector's office building, behind the S/P building, is 40% complete - foundation/slab is complete, and masonry exterior walls are up. This building will be used during the rehab by the Corp of Engineers, and turned over to the station at the end of the project.

*How much time will this space be available to Corps?*

a. Meeting with Project Manager: I met with the project manager for the one day during the week he was on the station. Minutes from the meeting being recorded in the project file.

*Good!*

b. Modifications: A modification is currently being negotiated with the contractor which includes the electrical modification we requested, and several small changes. The small changes include some deletions as well as additions, and should balance out in our favor money wise. The electrical mod should still be funded from the \$11K we gave the Army for contingency funds. I thought the money would be lost if not obligated before 1 October. I was told that the money could be transferred to 1989 since it was "committed". I checked with Frankfurt, and they will call back and confirm that the money is still available.

c. Government Furnished Door Hardware: We inventoried the door hardware thoroughly, and found a couple of small problems (none of which will cause any delays). We ordered the last missing hardware from the station with their OG30.



3. BARRACKS FURNITURE: The station CO, Barry Compignioni, has received a copy of the Brown Sheet for the barracks furniture we purchased. Two additional desks, and two bunk beds are needed that are not on the furniture purchase. Phil recommended that we wait to buy these additional items until after the original set of furniture leaves Brooklyn. Brooklyn is waiting to receive all the furniture before shipping, and we don't want the shipment delayed waiting for any new purchases we make now. Barry also asked for catalog cuts on the furniture. Phil is getting catalog cuts and prices to forward to the station. I'll direct Barry to make any additional furniture purchases needed with station OG30 funds after the original furniture is shipped from Brooklyn.

4. VEHICLES: Peugeot Pickup Truck: We still have no approval from the GOT to ship the vehicle into Turkey. JUSMATT has been no help in this matter, but we finally have the correct request to the correct office, and sent from the correct place. Barry is keeping a close track of our request, and we should have the approval within a week.

a. New Pickup Truck: I'm recommending that we reprogram, so that a new pickup can be purchased in 2nd quarter FY89. The Peugeot is not a large enough vehicle to meet the station needs. The existing Dodge pickup with a crew cab is used extensively to haul heavy loads, and carry personnel. The Peugeot will not meet these needs, and should only be a temporary replacement for the Dodge truck until a new Dodge truck can be purchased. I have drafted an SSMR for FY89 purchase of a new pickup (enclosure 1).

b. New Van: I've drafted an SSMR for FY90 purchase of a new van. (Enclosure 2) The expected life of the new van is most likely two years, due to its great use, and harsh working environment. Therefore, a new van should be purchased 1st quarter FY90, assuming a 1 year delivery from the obligation date.

5. CONEX BOX DISPOSAL AND GENERAL CLEAN UP: In the past, Lorsta Kargaburun, had somehow accumulated an enormous amount of general material which has no use to the station. The material is stored throughout the station, but mostly concentrated in conex boxes located on a concrete slab hidden behind the S/P building. Barry has made an OUTSTANDING start in getting the junk to the DRMO where it belongs. Our new storage building will be ready for use next summer, and at that time we should be able to arrange for shipment of all the conex boxes to DRMO. The Conex boxes are shipping containers, and useless to the station as a storage facility. Their history at Kargaburun is evidence of this fact.

a. Barry had a few questions on disposal of some of our equipment.

(1) 4160 cable: A long section of cable is left from the replacement job done last spring. Not long enough for replacement at any of our stations. I told Barry to get rid of it.

This section was left on purpose for a jumper in case one of the cables had an isolated fault. No big deal since probability of failure is low, but it was left for a reason.

OK  
May want to confirm that qty change would not delay Main Furniture. Could be that we want to catch him while in production. I feel that they can make do with Peugeot until I see in a year or two. ✓

SSMR OK  
Priority will be weighed with other stations and vehicle cost ceiling

CONEX: are not great but they do have value as a storage container if you don't have a building

I would keep it if original intent still applies!

Why does Lt. Erichsen differ on this?



OK to get rid of  
but check with Jim  
We are for Estartit  
needs or whether  
we should scrap  
it.

Of no use after  
power equip. replacement  
this year.

(2) Knife switch replacement breakers and installation equipment: Equipment for this project is stored at the station. Consists of: three 1200 amp breakers, mounting hardware, various mounting insulators, and various used breakers needed to provide temporary power to the vital equipment during an extended off air. The project is now cancelled. Barry is waiting for my instructions for disposal of the equipment. On your approval I'll direct the following disposal:

1 each 1200 amp breakers - send to Estartit.  
All remaining, scavage what they want. Send remaining equipment to DRMO.

OK

6. DRAWINGS: The file of as built drawings at Kargaburun is a mess. If the drawing is not missing, it torn and difficult to use. I asked Phil to get an entire set of Kargaburun drawings to them. MKC Lackaff will store drawings suitably. The cost of the new drawings is about L110.00.

7. COMUNICATION PROBLEMS: I think the correction of the comms and security alarms problems at Kargaburun should be a top priority project. I addressed the problems in last spring's the civil engineering inspection. We gave L a memo asking them to do something about it. I also gave them some very rough sketches showing the requirements. I did not do any further work because CDR Sasse insisted the project is an "L" project - involves electronics. I'm not sure if they have made any progress, and will draft a memo addressing the subject to them.

8. EPMU SURVEY: I caught the tail end of the inspection. The inspectors had a lot of recommendations, but in general were fairly impressed with environmental health. One shocking piece of news is that the Transmitter Room was measured as a hazardous noise environment.

a. A suggestion was made to route our Corpmen through Naples for pipeline training, and introduction to the staff at EPMU. They have a great wealth of knowledge that our Corpmen can draw from. CDR Hibbs and LT Sanderson (the EPMU inspectors) told me they would only need a weeks notice for receiving one of our Corpmen for traning. I thought this was an excellent suggestion. I will draft a memo to the DC asking for pipeline training of our next group of Corpmen.

9. CHLORINATION EQUIPMENT: I gathered the information I needed to purchase the chlorination equipment, and discussed the installation with the MKC. MKC Lackaff is satisfied with my ideas, and says the installation will be simple enough for the station crew to complete. I'll also purchase two electrical contollers which are in desperate need of replacement.

a. Chlorine usage at the station the station seems extreme to me. (Their chlorine dosage is somewhere around 30 to 40 ppm, and still they have a residual of only 0.2 ppm!) Before I

The has been a problem  
for 11 years.



purchase the new equipment, I want to see the chemical water analysis, and do some research on chlorine usage. I'll still be ready to make the purchase before 31 December.

10. FUEL TANK CLEANING: Finally some progress on this project. Mr. Yilmaz, the Army fuel "SULTAN", is scheduled to be at the station on 7 December to give training. He will give MKC Lackaff information on fuel tank cleaning contractors. We will NOT get the tanks cleaned 1st quarter as originally planned. Cleaning should be done during January and February.

11. FIRE DETECTION AND SUPPRESSION, T BUILDING: We've had a project on our backlog for ages to correct the inadequacies of this system. No one but John Fair knew what was inadequate with the system. Well I've found a few problems:

a. Smoke and heat detection: In all other buildings, smoke and heat detectors will signal the main fire alarm panel and give a station wide alarm. Not so in the T building. Here the detectors are connected to the suppression system, and to the Loran equipment only.

b. Training and instructions: Our system seems to be a customized system using various Pyrotechnics equipment. We have instructions on various Pyrotechnics equipment, but nothing seems to give us much instruction on our system. You'd need an electrical engineer to gather information from 5 or 6 different manuals, 2 or 3 drawings, put all the information together, figure out what is not used in our system, etc, etc. I wanted to pull a test lever, but ~~no~~ one knew if the test would dump CO2 all over us and I'd have made the Comdt Bulletin for killing two ETs and committing suicide. Everybody thinks they know the system operation, but ~~no~~ one is sure. Unacceptable for such a dangerous system. (There is about 2000 lbs of CO2 sitting in that T building waiting to either put out a fire - or kill someone who thought they knew what they were doing.)

c. Plan: I want to hire a Pyrotechnics rep during 3rd quarter. (Backlog shows \$5K for the project then 3rd quarter.) I'll task him to give training to the crew, and to develop a laymans instruction manual for maintenance and operations. I'll also task him to tie the two systems (suppression and alarms) together.

d. Changes to the PFSR: I was previously the project engineer for 5075 T-Bldg fire detection, and Jim was project engineer for 4064 CO2 bottles. Somehow this got switched recently. I'm still pursuing 5075.

12. GALLEY FIRE SUPPRESSION SYSTEM: The new kit is on board. Station plans to install the system before Christmas.

13. NEW ENGINES: The station asked some good questions about the new engine installation project. These are very relevant

Key after  
this I know  
it is a problem  
but I have been  
going on now  
for over a year -

John Fair  
Special  
1 of a kind

Good!  
Go with it.

OK

Good!



*I assume we will join for manuals, inventory, training, and annual maintenance (Visits by Enxcon) and change to local PM procedures + discussion upon responsibility to Jim!*

Questions and should be answered as soon as possible. Can we get Jim to put together some information for them?

ACTUR  
OG-43

*Get info from Jim and pass to Kargo*

a. Spare parts: Who is purchasing the initial spares package? If it is them - what and when do they need to budget for? If it is us - what sort of budget should they plan on for purchases other than the initial package.

b. Storage of spares: They want to start planning for receipt of spares so that they will have adequate storage space. What sort of space will they need?

c. OG30 maintenance budget: What sort of engine maintenance budget should they be asking for in FY90?

d. Engine cooling system: Can the cooling systems be cross connected?

I really didn't have any information needed to answer these questions. Obviously both the station and myself will be tasked with a great deal of projects related to the engine change out. Information really needs to get around soon so that project plans can be made.

✓ 14. SEPTIC TANK: We measured the septic tank while I was there, and had some training on system operation and importance of measurements. They are not keeping a log as required by the SOP. I'm drafting a log for them which will explain measuring techniques. All seems to be working well in the tank.

*Unless directed from first office there will be no T-Bldg 4/c here.*

15. INSTALLATION OF T-BUILDING A/CS: I think the ball may have been dropped on this one. CDR Sasse had the right idea when he said we should study this before we do it. I think it may have been an erroneous request which could turn out to be a huge waste of money. I know we were studying the necessity in the past, but don't know the outcome. Questions - (1) Do Loran operations require this (answer is obviously no to this one). (2) Does environmental health require this? Answer to this was the cause for the temperature study started in the past. I think we need to make a final decision and get L's approval to either can this, OR do it.

*Consider it dead? No A/c.*

OK

16. S/P BUILDING INTERIOR DOORS: A few of the interior door in the S/P building need to be replaced. I've drafted an SSMR for the project. (Enclosure 3).

17. WELL: The well pump went OOC on Friday before I left. We had a contractor on board Saturday to pull up the pump and lower one of the TWO spares on board down. Ran into some problems. The well pump was caked with mud. The contractor recommended flushing the well out, and lowering the new pump. That's our game plan. I think we will pull up the new pump in a few months to see if it too is becoming mud caked. May be a sign that we have serious well problems. Flushing was done on 7 Dec. New

pump to be lowered on 8 Dec. Water is being supplied by local trucks. (A sight to see!)

I have before - last time due  
they collapsed the main sewer line due  
to weight of loaded trucks. G. J. STEPHANOS

Encl: (1) SSMR for Replacement of Station Pickup Truck  
(2) SSMR for Replacement of Station Van  
(3) SSMR for Replacement of interior doors in S/P Building

### Possible Sources of Well Problem

- ① No bottom plug
- ② Corroded or damaged well screen
- ③ Well screen mesh larger than soil particles

If ① or ③ it has taken a few years to cause a problem, so may be cheaper to live with it and replace a well pump (\$K) every few years. ② is big trouble. Continue with your plan to flush, and well see how long new pump lasts. Have station order <sup>new</sup> spend pump now.



MEMORANDUM

14 December 1988

Subj: FOLLOW UP ITEMS FROM KARGABURUN VISIT

From: George

To: Barry

1. Jim is taking off soon. I wanted to give him some notes to carry back, but as usual I'm behind schedule so have to rush something out. Please ignore my spelling mistakes and other mistakes this time (I usually have ZERO errors in my notes to you). Anyway, I had a lot of things owed to you, and I'd like to get you a status so you know I haven't forgotten and am still working on them.

2. My trip reports are enclosed. One to the Captain, and the more important one to CDR Peck and LCDR Turner. Lots of answers on these reports. Following status from my post trip work list is provided.

(1). Pipe line training to Naples EPMU for corpmen. I submitted a memo, and its approved. Next corpmen will go to Naples for a couple of days on the way to the station.

(2). Rehab.

(a) MODS: Drafted ltr to Army corp on mods. Copy enclosed. (Not yet signed, so wording may get changed, but general request will be the same.) Did NOT include mod for storage units. We will use the wardrobes as we discussed, and try to get some shelving or other built as an OG30 project. (I still OWE you some action to get some money for "Rehab Contingencies" in you FY89 OG30 budget. I haven't done my estimate yet, but if you've done yours - send it up and we'll try to get the money from CDR Robbins.)

(b) INSPECTION: I've made calls to Frankfurt, to Ankara and to Celal about inspections. Celal soulds like he plans to be at Kargaburun at least two to three days a week for our project. I think this is good. I know we're already behind (first for rooms not turned over on time) but I think we'll catch up. Keep me informed. Try not to loose to much sleep on this thing. Rehab ALWAYS SUCK (this is my third). There WILL be problems even if your contractor is the most consciences in the world. (Yours isn't obviously).

(c) Paint color. I was wrong about the paint color on exterior buildings, notes from color manual attached.

(3) New COQ fire detection: This is part of the rehab. Will be tied in to barracks panel as ZONE 5. Contractor responsibility. (Panel has capability for 8 zones.

(4) Knife switch replacement parts: DO NOT DISPOSE OF. I've been mislead for a year now. This part of the panel will not be replaced in the engine replacement as we originally thought. So the project will still be done. I'm going to try to get it done during the engine installation. (Really the only time it can be done.) Please hang on to all the stuff, and keep it all together. Sorry, I know the urge to SWEEP it away must be great. KEEP IT.

(5) T-bldg fire system. I'll hire a contractor to make corrections and give training, and writ manual. See my trip report. 3rd quarter Fy89.

(6) NEW DRAWINGS: Being done now. Get them to you in a month or so.

(7) NEW ENGINE SPARES: See my report. Nothing has yet come of this. I drafted a letter with Jim Coles suggested budget program, but it was not signed. Jim is supposed to work up some stuff on this. He said storage will not be a problem, and you need not worry about it yet. I know you need an answer NOW on budget, I tried to get something done but don't have enogh pull to have done it. I suggest - in categories of enigne maintenance you put a note instead of a \$ figure that ACTEUR has NOT given you required information to budget for this. SAME in category for the Engine spares shortages. Thsi way its our responsibility to fill it in. We SHOULD have given you this information already. The budget should be much less than last year, because reduced maintenance cost is one of the main justifications for doing the engine replacement. Sorry I have nothing better for you.

(8) Septic tank log sheets. Enclosed. Please have engineers start keeping the log.

(9) FURNITURE: Phil said he will get some catelog cuts for you. We have none we can send you now. Sellia got there furniture. Same stuff your getting. You can call Bill Erickson with spacing questions if you like.

(10) Chlorine equipment for water system. I haven't bought it yet. Still trying to figure out why your chlorine usage is so high. I think its not a problem from what I've read so far.

(11) COMMS PROBLEMS AND ALARM PROBLEMS. Project is moving. Loran has done some work. Security alarms will be radio controlled or something. George Hamilton is apparantly getting ready to buy some cable for your comms problems (IE putting phones where they need to be, gettin rid of tree draped cables) Copy of memo is enclosed. George wasn't around lately to ask about details, but he should have them. You may want to ask him what to do with your \$12 K for cable purchase in your budget.



(12) T bldg AC- My trip report said cancel it. Two days later project was revived. But its to be STUDIED again. Obviously the first STUDY was incomplete, so no one knows yet if its needed or how much it will cost. New study to start soon. Shouldn't be any work for you.

(13) Dodge: SORRY - SEE MY REPORT. The Peugeot is your new vehicle. I say ROLL IT! (Just kidding!)

(14) Van: New SSMR is being put on backlog. I'll send you copies down soon.

3. Excellent work getting well problem taken care of. Try to schedule to lift the pump is 6 months to take a look at mud build up etc.

4. Water: If chemical analysis comes to you, please send me a copy ASAP. Thanks.

5. Thanks again for your hospitality during my trip. Look forward to my next trip when i'll see Agia Sophia! Can you please send me one more KILO of pistacios, and the FEZ. Thanks alot. Talk to you soon.

*Neoye*

*Encl.*

*Trip Reports (2)*

*EPMU Memo on training request Corpman*

*USER requested MOD Ltr for rehab.*

*Paint Color info - building exteriors*

*Ltr on Engine funding. (Unsigned)*

*Septic tank log.*

*Comms problems - memos*