

CHAPTER FOUR

THE RESEARCH PROCESS

4.1 INTRODUCTION

The purpose of this chapter is to provide an overview of the research process that is followed in this study. In the light of the literature review, a motivation will be given for the value of continuing with this study. A motivation will also be given for the use of interviews as the appropriate qualitative research method in obtaining the data. The way in which the respondents for this study were selected, as well as the sample characteristics will be described.

4.2 MOTIVATION FOR THE SELECTION OF THE SUBJECT OF RESEARCH

In the previous chapter a literature review on environmental stressors was given. The physiological of environmental stressors on the human body was described in detail. Work schedule stress was highlighted as a major stressor amongst female cabin attendants at SAA (Porter, 1988). There is an abundance of literature on cockpit crew of commercial airlines and their experience of stress. However, there seems to be a lack of research on cabin attendant's experience of environmental stressors in the South African context. In view of this, it was decided to continue with the study in order to obtain an in-depth understanding of cabin attendant's experience of stress in their working environment. Furthermore, a secondary aim is to generate information for future research in this area.

4.3 MOTIVATION FOR THE USE OF INTERVIEWS AS A RESEARCH METHOD

"... major emphasis should be placed on understanding the meanings or interpretations that people provide for the environments they encounter ...".

Winkel, 1991, p. 85

An important consideration in selecting the appropriate research method was that it should be compatible with the underlying principles of systems theory. The qualitative research interview is reconcilable with a systems theoretical approach and was used in this study to obtain data. Human conversation gives access to an individuals' lived world. Taylor and Bogdan (1984,

p.77) confirmed this notion by defining interviews as “repeated face-to-face encounters between the researcher and informants directed toward understanding informants’ perspectives on their lives, experiences, or situations as expressed in their own words”. The researcher interprets and gives meaning to these words through the lenses of his/her own epistemology. In this way the self-referential observing system, which constitutes the researcher and the data, is created as described in Chapter 2. In this regard, Kvale (1996, p.105) was of the opinion that an interview is an appropriate method to study “people’s understanding of the meanings of their lived world, describing their experiences ... and clarifying and elaborating their own perspective on their lived world.”

Bateson (1979, p.24) stated: “without context, words and actions have no meaning at all”. Lerner (1975, p.4) confirmed this remark by stating that the properties and features of any phenomenon cannot be correctly observed, “evaluated and taken into consideration without considering the multitude of connections and interactions which may form between individual phenomena and the medium surrounding them”. In compliance with systems thinking, personal interviews enable the researcher to place the respondents’ experience within a specific context. In addition to this notion, Harper (1998) remarked that aggregated interview information would meet Stokol’s (1991) requirement for a composite representation of people and environment, of person-place interdependence.

Draw a distinction!

From a systems theoretical perspective, language is used to make distinctions in order to describe and know the world. Bateson (1972) referred to this process as the “mapping of territory”, that is, how an individual constructs his/her own reality or assigns meaning to the lived world. Fiedeldey (1991, p.114) summarised this view as follows: “It is through this drawing of distinctions that we order our world, and the most important way in which we can order our world for another person is through language...we create our world in and through language”. Systemic thinking is interested in how we name things, create them, and so influence what we experience. It is also interested in how we *don’t* name things. Not drawing a particular distinction, that is not verbalising something, also has meaning. It implies that a respondent perceives some distinctions as less important and therefore does not include those distinctions in a description. When a person constructs a map of a certain country, it is impossible to include *all*

the possible distinctions with regards to that country on the map. Only those distinctions that are important to the mapmaker are drawn.

Language freezes lived experiences into static nouns (Keeney, 1979). The qualitative research interview enables the researcher to obtain data on how cabin crew experiences environmental stressors. Through dialogue, the researcher aims to construct a map that incorporates all relevant interacting systems. Miles and Huberman, (1994, p.10) explain: “Qualitative data, with their emphasis on people’s lived experience, are fundamentally well suited for locating the meanings people place on the events, processes, and structures of their lives: their perceptions, assumptions, pre-judgements, presuppositions and for connecting these meanings to the social world around them”.

By conducting personal interviews in the working environment, where cabin crew sign on or off for flights, the researcher is able to identify patterns of meaning of their lived experiences. Patterns of meaning propose repeated experiences or feelings of respondents in their working environment. These patterns can be thematised and categorised. Kalnins (in Marshall & Rossman, 1989, p.105) remarked: “...the researcher must get close to the people whom he studies; he understands that their actions are best comprehended when observed on the spot”.

It is important to emphasise that it is not possible for anyone to know the whole of reality, that is all the interacting components of a specific context. What a researcher observes is only a partial description, a partial arc of the complete picture. Therefore, researchers can only aim to uncover the connectedness of things, and the many intra- and inter-patterns of connections in the subject of their studies.

From the above discussion it is clear that verbal descriptions of the environmental stressors of cabin attendants are a legitimate source of knowledge and understanding. Rather than measuring or observing experiences of respondents, the qualitative research interview is an ideal method to understand how a person constructs his/her behaviour and experience in a specific context.

4.4 THE SEVEN STAGES OF INTERVIEW RESEARCH

Kvale (1996) suggested that interview research could be conceptualised in seven stages: thematising, designing, interviewing, transcribing, analysing, verifying and reporting. However, it is important to consider the fact that the relationship between the stages is recursive, and that the stages do not always follow each other chronologically. For example, after the verifying stage, it may be necessary for the researcher to go back to the interviewing stage. Furthermore, a researcher might already have the format of the reporting stage in mind at the thematising stage. Kvale's seven stages of the research interview are only one way, that is his way, *mapping* the research process. The seven stages will subsequently be discussed.

4.4.1 Thematising the interview

During the first stage of interview research, the researcher has to obtain some knowledge of the subject matter to be investigated. Kvale (1996, p.49) remarked that an extensive knowledge of the research topic is necessary so that the researcher may be "...sensitive to the nuances of meanings expressed and the different contexts into which the meanings may enter". Pre-knowledge on the subject enables the researcher to give a hypothetical description of the research question. As was mentioned in Chapter 1, I was employed as a cabin attendant at the South African Airways for 8 years. Being part of the company equipped me with knowledge I would otherwise not be able to attain. This experience provides me with a frame of reference from which I could thematise the research interview.

4.4.2 Designing the interview

Kvale (1996, p.88) remarks that the goal of interview design is to obtain the intended knowledge. The researcher must design research questions that will enable respondents to describe their lived world as it is experienced in every day life. In this exploratory study, the aim was to get spontaneous responses from cabin crew with regards to stressors in their working environment. Cabin crew should be allowed to respond according to their own personal experience.

4.4.2.1 Pre-design of the interview guide

Kvale (1996) was of the opinion that the researcher should have an implicit structure, whether or not this structure is translated into actual questions. In this case, the researcher was an employee at SAA and therefore has some pre-knowledge from which to derive a structure. This structure provides the framework for the interview, as well as the subsequent analysis.

The pre-constructing of a semi-structured, open-ended interview guide seemed most suitable for this study. This would allow the researcher to listen attentively to what the respondent is saying, without thinking what question should be asked next. The advantage of this type of interview is that the interviewer has more flexibility in addressing issues that were not anticipated when the interview structure was created. New dimensions can be integrated in the interview guide. Furthermore, the semi-structured open-ended interview does not constrain and limit the natural and spontaneous flow of the conversation. The researcher may probe or encourage the respondent to elaborate on the original question. It is important to mention that the possibility always exists that the type of questions that the interviewer asks, as well as the way in which it is asked, can mould the responses and eventually the final results attained.

A draft interview guide, structured around potential stressors, is attached as Annexure A.

4.4.2.2 Sampling design

Quantitative research in the social sciences requires a sample size large enough to allow statistical generalisation from the sample to the target population. A quantitative design is often based on randomness. Qualitative research however, is done with small samples of people who are studied in-depth. The researcher decided to make use of purposeful sampling. Respondents are selected to take part in the study with a certain purpose in mind, while others are purposefully left out of the study. Patton (1990, p.169) was of the opinion that "...the logic and power of purposeful sampling lies in selecting information-rich cases for study in depth". The sampling design is therefore not based on randomness. The selection of information-rich cases was ensured by the researcher's thorough knowledge of the verbal abilities of selected cabin attendants.

The researcher decided that the sample must comprise respondents who have been employed by SAA for at least 3 years or more. This would ensure that selected respondents have been exposed to the stressful environment long enough to experience the long-term effects of flying. In this sense, some homogeneity is built into the sampling design. It was also decided that the interviews should be conducted at the Inflight Services Building, where cabin attendants do international and domestic standby duties, where flight briefings are done before a flight, and where cabin attendants interact socially after signing off from a flight.

4.4.2.3 Sample size

Sample size was determined by redundancy. The word “redundancy” is used in the technical sense, meaning *repetition* or *pattern*. According to Patton (1990, p.184) “there are no rules for sample size in qualitative inquiry”. The sampling should be terminated when no further categories of experience emerge, that is until a sufficient saturation point had been reached - in other words, when each new respondent repeats what others have said.

Contrary to popular belief, quantitative and qualitative research does not oppose each other. The principle for determining sample size in qualitative research does not differ from the principle followed in quantitative research. With regards to quantitative research, the greater the variance in the population the greater the sample should be to be statistically representative. The same principle holds for qualitative research: the greater the variance of respondents’ experiences (that is, the greater the variance in the population) the more interviews should be conducted (the greater the sample) to reach a point of saturation.

Initially, 3 pilot interviews were conducted to establish (a) whether the research questions are relevant to the context and (b), whether the questions are stimulating enough to obtain the intended knowledge. After the completion of 12 interviews, it was decided that sufficient information had been collected in order to obtain a meaningful analysis of the data. All the respondents participated on a voluntary basis. A summary of the sample’s biographical information is attached as Annexure B.

4.4.3 Generating data

The data-collection process consisted of the main interviewing phase only. Prior to the onset of this study, I had numerous informal discussions with my airline colleagues to establish what kind of issues should be covered in such a questionnaire. A pilot study was therefore not necessary.

The researcher conducted all the interviews. This ensured consistency and better control over the data-collection process. However, it opened up the possibility of interviewer bias, especially since I have been a cabin attendant at SAA myself. I tried to become aware of my own perceptions and assumptions about the stressors involved in flying. This notion is an example of a self-referential observing system as described in Chapter 2. However, the fact that I was not employed by SAA at the time of this study gave me enough emotional and cognitive distance to counteract bias.

The interviews took place from the 13th to the 17th of March 2000. I allocated 50 minutes for each interview, of which 10 minutes was to be used for briefing and 10 minutes for debriefing of respondents. Briefing included obtaining informed consent, guaranteeing confidentiality and permission for direct quotation. I budgeted 30 minutes for the actual interview, although in practice some interviews exceeded the allocated time and took 45 minutes. The respondents indicated a real need to talk about their experiences. Only one potential respondent refused to take part in the study, as she said that she feels too fragile to talk about her experiences, and that she is afraid she would lose her composure.

To achieve the qualitative equivalent of validity, that is correspondence, it is necessary that the researcher understand exactly what the respondent is saying. This implies that there should be an agreement between the researcher and the respondent about the understanding of the message conveyed. Throughout the interviews, I tried to apply what Kvale (1996) defined as the self-correcting interviewing method – that is the immediate interpretation of respondents' meanings, as well as immediate feedback to the respondent. This method ensures correspondence between the researcher and the respondent. This self-correcting interviewing method is an example of a negative feedback loop as discussed in Chapter 2.

The interviews were recorded on audiocassette, but if a respondent didn't wish to be taped, I took hand-written protocols. Patton (1990, p.348) remarked that: "In addition to increasing the accuracy of data collection, the use of a tape recorder permits the interviewer to be more attentive to the interviewee".

4.4.4 Transcribing

Kvale (1996) stated that, in interview research, the reader is dependent on what the researcher says the respondent is saying. Reliability and validity in the transcription stage of the study should be sought by using more than one transcriber and adopting a clear, written editorial policy (Kvale, 1996).

Interviews were transcribed within days of being recorded. The written presentations of the interviews are as literal as possible, where laughter and crying are also indicated.

For readers who would like to verify the content, the original tapes (where the interview was recorded) are available.

4.4.5 Analysing

It is primarily through the analysing stage of a study that knowledge is derived. The definition of the word "**analyse**" according to the Oxford Dictionary (1983) is "to find or show the essence or structure of..." or "to examine minutely the constitution of..."

Robert Pirsig (in *Zen and the Art of Motorcycle Maintenance*, 1987, p.75) describe sand-sorting as a metaphor for the way in which humans draw distinctions, or gain knowledge, in their lived world:

"All the time we are aware of millions of things around us. From all this awareness we must select, and what we select and call consciousness is never the same as the awareness around us because the process of selection mutates it. We take a handful of sand from the endless landscape of awareness around us and call that handful of sand the world. Once we have the handful of sand, the world of which we are conscious, a process of discrimination goes to work on it. The

handful of sand looks uniform at first, but the longer we look at it the more diverse we find it to be. Each grain of sand is different. No two are alike. Some are similar in one way, some are similar in another way, and we can form the sand into separate piles on the basis of this similarity and dissimilarity. Shades of colour in different piles – sizes in different piles – grain shapes in different piles – subtypes of grain shapes in different piles – grades of opacity in different piles – and so on, and on, and on. You'd think the process of subdivision and classification would come to an end somewhere, but it doesn't. It just goes on and on.”

This metaphor appropriately describes the data analysis method that was used in this study. At first, the data appeared to be the same. However, under closer study, unexpected themes emerged in great diversity. Differentiation of themes became an enjoyable assignment as different patterns presented themselves. Certain themes could be subdivided into smaller categories, which again made further subdivision possible. This method will subsequently be discussed in detail.

Data analysis was done with the aid of recommendations made by Taylor and Bogdan (1984), Patton (1990), Bogdan and Biklen (1992), Miles and Huberman (1994) and Groenewald (1995). The process of data analysis can be summarised in three levels:

- First-level analysis, which comprises experiences of respondents
- Second-level analysis, which emphasise relations between experiences
- Third level analysis, which links reality and theory, by mapping lived experiences on a theoretical framework.

4.4.5.1 First-level analysis

According to Groenewald (1995), the aim of the first level of analysis is to describe the perceptions and experiences of the individual respondents in this study. The researcher gain

access to the respondents lived world through a shared language, as discussed in Chapter 4. In systems theoretical terms, the researcher describes the respondent's construction of his/her experience of environmental stressors at work. This explorative level of analysis comprises 4 steps:

Step One: Exploring the data

The transcribed interviews, referred to as protocols, are read and reread until a sense of the totality of the data is obtained (Taylor & Bogdan, 1984; Patton, 1990; Bogdan & Biklen, 1992). During this step it is important to keep track of themes, hunches, interpretations and ideas - "you should record any important idea that comes to you as you read through and think about your data" (Taylor & Bogdan, 1984, p.131).

Step Two: Defining and preliminary labelling of meaningful units of data

The researcher continues the analysis by creating a list of preliminary coding categories or a category system. According to Patton (1990, p.383) such a system is critical; without categorisation there is chaos: "Simplifying the complexity of reality into some manageable categorisation scheme is the first step of analysis." Meaningful units of data are identified as a coding category. Different themes that emerge from the data, are sorted under a particular topic which represents the coding category.

Step Three: Labelling of meaningful units of data

After studying the protocols, the preliminary labels are listed and those that can be grouped together are labelled (Groenewald, 1995). Initially, the data appear to be without pattern. However, under closer scrutiny, a tapestry of different patterns emerged. The task of the qualitative researcher is to look for convergence in this tapestry of patterns. This means the researcher must find out what things fit together by looking for recurring regularities in the data: "These regularities represent patterns that can be sorted into categories" (Patton, 1990, p.403).

Internal homogeneity and external heterogeneity were used to judge these categories. Internal homogeneity refers to "...the extent to which the data that belong in a certain category hold together ... in a meaningful way". External heterogeneity refers to "the extent to which differences among categories are bold and clear" (Patton, 1990, p.403).

After the analysis of 12 protocols, 18 coding categories were identified. All 18 coding categories with descriptions and selected quotes are presented in the following chapter. The coding categories are displayed in descending percentages. The frequencies give an indication of the general incidence of a specific category. Due to the small sample size and inapplicability of generalisation, the frequency of each theme should not be equated to the importance of the theme of the relevant category. The identification of the coding categories and a description of the criteria used to identify these coding categories are presented in Chapter 5.

4.4.5.2 The second-level analysis: Establishing and labelling of pattern categories

With the description of the coding categories the focus was placed on identifying the structure of the respondent's perceptions from within their own worlds. However, with the description of pattern categories, the focus was placed on identifying and describing the main themes underlying these coding categories (Groenewald, 1995). In short, the researcher describes the relations between experiences. The pattern categories that emerged from the data will be identified and discussed in detail in Chapter 6.

Step one: Developing and labelling pattern categories

The researcher reads repeatedly through the descriptions of the coding categories, which are then grouped together on conceptual grounds. These groupings are then given a label that meaningfully describes these selected coding categories and can be referred to as pattern categories. According to Groenewald (1995) pattern categories are organised summaries of information that allow the description of the essential structure of the experience of the phenomenon.

Step two: Description of pattern categories

First-level analysis, that is coding categories, introduces summarised sections of data. Second level analysis presents a higher order of categorisation, which is the description of pattern categories. According to Miles & Huberman (1995) pattern coding is the grouping of those initial summaries into a smaller number of themes. The pattern categories are described by specifying which coding categories contribute to a specific pattern category. The description of the pattern categories involves the explanation of the interrelatedness between the various coding categories that compose a certain pattern category. This description of pattern contributes to the understanding of the general structure underlying the phenomenon under study (Groenewald, 1995).

Pattern categories portray the relations between experiences of the respondents. Various relationships can exist between the coding categories. It is therefore possible that a single coding category may be placed in more than one pattern category.

Step three: Establishing the validity of the coding and pattern categories

The validity of the coding categories was established by means of communicative validation. Communicative validation refers to an agreement through dialogue, which can take place between researchers that analyse the same material (Sykes, 1990) or between the researcher and the interviewees. During the process of establishing intercoder reliability, a co-researcher who is a registered psychologist with specialisation in environmental psychology was involved. The researcher and co-researcher discussed interpretations of the data and its validity in depth.

Since the construction of the pattern categories is the researcher's subjective reality, it is important to establish the validity of the labelling and description of the various pattern categories. The researcher established validity by referring back to the original protocols of the respondents to ensure that the pattern categories accurately represented the coding categories, that is, the first-order descriptions of the respondents. This clarification ensures more precise ways of verifying the pattern, and strengthens its external validity (Miles & Huberman, 1994).

4.4.5.3 The third-level analysis: Conceptual discussion

According to Kvale (1987) the validity of a study is strengthened by the ability to interpret its results in the context of a theory. The aim of third-level analysis is to demonstrate how the various coding and pattern categories are integrated and related to the constructs of the systems theoretical approach. In other words, the lived experiences of cabin crew are mapped on a systems theoretical framework during the third level of analysis. The researcher progresses from the empirical data to a more abstract conceptual level of thought (Groenewald, 1995). The categories on the third level of analysis will be identified and discussed in detail in Chapter 7.

4.4.6 Verifying of analysis results

It is possible that there can be more than one interpretation for the same description or experience. Some interpretations are however, more valid than others. Invalid qualitative interpretation, that is, results that are not truthful or plausible may be brought about through differences in culture and/or language. When respondents describe an experience in a language which is not their own, to a researcher from a different cultural background, the essence of the experience could be forfeited. Kvale (1996, p.229) suggested that the “holy trinity” of quantitative research – reliability, validity and generalisability - are not suitable concepts for qualitative research. What the respondents say about their experience of environmental stressors in the airline cannot be expressed in validity coefficients. However, this does not mean that the results of this study are not valid. The positivistic meaning of validity needs to be redefined when qualitative research methods are applied.

Conversation can be transformed into defensible knowledge through the quality of craftsmanship during the research process. The researcher as a craftsman must check for representivity, rival explanations, triangulation of sources and method, get feedback from informants and follow up on surprises (Miles & Huberman, 1994, cited in Kvale, 1996, p.242). Validity is heightened through the continual checking on credibility and trustworthiness of the findings. Through it all, it should be remembered that there is no single, absolute truth in social research.

According to Kvale (1996), the credibility of the researcher is an important source of validity. During the interviews, I gained the trust of the interviewees because they were familiar with me as their former colleague. In addition to credibility, Kvale (1996) stated that knowledge might also be tested for its pragmatic validity. Knowledge is conversation *and* action. The question to be asked is then: “What contribution can the knowledge gained through this study make to the lives of SAA cabin crew, as well as to environmental psychology?” Pragmatic validation will be sought by converting the findings into concrete recommendations for inclusion in the Life Skills programme of Ab Initio/new recruits training.

4.4.6.1 Reliability of coding categories

The reliability of the coding categories was established with the use of intra- and inter-coder reliability. The intracoder reliability of the coding categories was established by categorising all the protocols in the following manner. Firstly, the researcher identified 18 coding categories. Two weeks later the protocols were analysed again without consulting the coding categories of the first analysis. During the second analysis a total of 19 categories were identified, of which 18 overlapped with categories identified during the initial analysis. The additional category in the second analysis was “Disturbed social relationships”. The researcher decided that the aforementioned category could be integrated in the category “Absence from home on special days” and was omitted from the analysis. This comparison was made according to the reliability formula of Miles and Huberman (1994, p.64):

$$\begin{aligned}\text{Reliability} &= \text{number of agreements} / (\text{total number of agreements} + \text{disagreements}) \\ &= 18 / (18 + 1) \\ &= 0.94 \\ &= 94,0 \%\end{aligned}$$

The similarity between the first analysis and the second analysis is 94 %. This implies that 18 categories from the first analysis were accurately identified in accordance with the labelling and description of the categories identified during the second analysis.

The co-researcher was asked to analyse five randomly selected protocols according to the same method of data-analysis. No coding categories were provided to her. The co-researcher identified 19 coding categories from these five protocols.

When the analysis of the researcher and the co-researcher were compared, 19 coding categories were found to be similar. The co-researcher identified three more separate categories. The categories “Stress releasers”, “The effect of flying on partners” and “Racial issues” were identified as distinct categories by the co-researcher.

$$\begin{aligned}\text{Reliability} &= \text{number of agreements} / (\text{total number of agreements} + \text{disagreements}) \\ &= 19 / (19 + 3) \\ &= 0.904 \\ &= 90.4\%\end{aligned}$$

An inter subjective consensus of 90% was obtained and was considered to be indicative of the reliability of the results obtained by the chosen method of analysis.

4.4.7 Reporting

The last stage of interview research is the compilation of a scientific report on the findings of the study. The aim of research is to make a valuable contribution to existing knowledge within a specific context. The findings of this report aim to convey to readers an understanding of cabin crews' experience of environmental stressors at work. The results can be integrated in a psycho-

educational workshop or a Life Skills module as part of the Ab Initio training. New recruits at SAA need to be aware of the possible hazards of flying as a career and a lifestyle. According to Patton (cited in Kvale, 1996, p.249) the ultimate test of the credibility of an evaluation report is the response of the decision-makers and information-users to that report.

4.5 CONCLUDING REMARKS

In this chapter the researcher presented a detailed description of the research process that was followed in this study. Bateson (1979) remarked that the map is not the territory. This implies that there could have been several descriptions of the same research method and results – as many as there are people. The co-researcher and I agreed that what my map said about the qualitative results was more or less the same as what her map said about the same results. We co-constructed a reality, which was valid for this specific study. In spite of the fact that there could be many differing but equally valid descriptions of cabin crews' experiences of environmental stress, there could also be a co-constructed understanding of it.

In the following chapter the results of the first-level analysis, that is the identified coding categories, will be discussed.

CHAPTER FIVE

RESULTS AND DISCUSSION OF THE FIRST- LEVEL ANALYSIS

5.1 INTRODUCTION

The aim of this chapter is to present the results of the first-level analysis. The first-level analysis comprises the presentation of the 18 coding categories. The discussion of each category is accompanied by applicable quotations from the interview transcripts. The order in which the coding categories are presented, does not reflect the importance of that specific category, but rather the number of times that a category occurred in the set of protocols. The general incidence of a coding category was calculated and is presented as a frequency next to the title of each category.

5.2 DISCUSSION OF CODING CATEGORIES (CCs)

As mentioned in Chapter 2 (p.18), the researcher and the data form a self-referential observing system, which draws new distinctions, that is, creates new meanings. After careful scrutinising of the protocols, the researcher constructed 18 coding categories. These categories will consequently be discussed.

5.2.1 CC 1: ABSENCE FROM HOME ON SPECIAL DAYS [f = 10]

Criterion: Remarks regarding the fact that due to flight schedules, cabin crew cannot spend important days like birthdays, religious holidays, weddings, funerals or anniversaries together with the important people in their lives.

Respondent # 1: *"I never seem to be at the right place at the right time. I am always going to work when others are coming home or enjoying weekends. It never seems to work out that you're home when something happens. There is no glamour to that"*

Respondent # 4: (F) *"What stresses me most of flying, is not being there when you are needed".*

Respondent # 6: (M) *“You are never home for special occasions, that is weddings, funerals or whatever the case may be. So people seems to eventually distant themselves from you because you are never around”.*

Respondent # 2: (M) *“It is very uncertain. You go away and you feel you are missing out on a lot of things. So many things happened within the space of time in which you were away. You feel you are losing out on a lot”.*

Respondent # 5: (M) *“Sitting in the hotel room, I mostly think what is going on back home. If it is someone’s birthday, I wonder if they all get together. That frustrates me”.*

Respondent # 7: (F) *“You have irregular working hours. For me it’s time to decide if I’m going to fly when my child is born, am I going to be there when my child gives his first steps, am I going to fight to have the day off to be at my child’s birthday?”.*

Despres (1991) cited in Bielfeld (1997, p.98)) was of the opinion that “a home is experienced as the locus of intense emotional experience, and as providing an atmosphere of social understanding where one’s actions, opinions and moods are accepted”. The social networks built in and around a home give a sense of acceptance and belonging. The inability to plan family activities such as birthdays, religious and special holidays is described by cabin crew as extremely disruptive. The unfulfilled social need of crewmembers to share special occasions with loved ones is evident. Some respondents seriously questioned whether life has any meaning if one is never able to share in the celebrations and rituals of milestones reached by meaningful others. Cabin attendants are preoccupied with thoughts about friends and family back home. It seems that this separation, this constant being away, gives rise to feelings of intense isolation. Sudden flight delays and changes in flight schedules contribute to these negative emotions. The frustration of being powerless to change the immediate circumstances due to flight schedules seems to be unbearable in some instances. Guilt feelings also appear to become a burden, where a crew member cannot give much needed support during a funeral; wedding or birthday of a loved one. Cabin attendants also fear that people outside the airline may think of them as undependable and untrustworthy.

5.2.2 CC 2: LONELINESS [f = 8]

Criterion: Statements that reflect respondent's feelings of isolation from meaningful relationships. Also included are statements indicating the anxiety and frustration that respondents experience when they are alone in the hotel room away from home.

Respondent # 12: (F) *"Loneliness feels dark. As if your umbilical cord with life and everyone you love has been cut off. I get terribly lonely in the hotel room on long overseas flights. The room becomes very small and impersonal. There is nothing in it that is mine. I miss my books, my music, you know"*.

Respondent # 12: (F) *"London during winter makes me feel lonely. The rain never stops pouring, and the skies are always grey"*.

Respondent # 3: (M) *"Perth is bad. It's like Bloemfontein by the sea. There is nothing to do after five in the afternoon. Only empty street from my window. That is why I always have the TV on. It's voices from a box, but at least they are there"*.

Respondent # 7: (F) *"I feel very much lonely, very depressed from loneliness, and homesick. Last Sunday I wasn't aware that the shops were open – I was so homesick. O, on hearing the church bells ringing, I just wanted to cry my eyes out. Some of my money I actually used for telephone calls to phone home. I just had to speak to somebody that I know"*.

Respondent # 2: (M) *"It is your duty to make yourself fit. If you don't fit, you're an outcast. So I made myself fit. I am an easy-going person and it is easy for me to adapt to the environment"*.

The duties of cabin attendants do not allow them to spend quality time with important people. The majority of respondents were concerned about their feelings of detachment and isolation from meaningful relationships. One respondent used descriptions of subdued colours to express her experience of loneliness. Some cabin attendants seem to take responsibility for their own happiness, by reaching out to other members or getting involved in community activities, thereby encouraging social contact. Certain international cities seem to awaken the

experience of loneliness more often than others. Perth in Australia is an infamous destination because of the scarcity of activities it offers to cabin attendants. The absence of external stimulation seems to make some members aware of a void within themselves and a lack of content in their lives. I could almost feel the forlornness and intense distress in the voices of the cabin attendants quoted above.

Porter (1988) stated that the majority of female cabin attendants in her study reported that their work schedules placed additional demands on them. This seems to be especially true in terms of the effort required to maintain meaningful relationships with partners, friends and family outside the airline. These female cabin attendants reported declining social activity, loss of contact with friends outside the airline, perceptions of lack of understanding by partners, friends and family, as well as consequent feelings of isolation, loneliness and sometimes withdrawal (Porter, 1988).

5.2.3 CC 3: IMPERSONAL WORKING ENVIRONMENT [f = 7]

Criterion: Statements regarding the lack of empathy amongst crew, as well as the superficial involvement in each other's lives. This category also includes remarks concerning unappreciative passengers.

Respondent # 11: (F) *"If you go to somebody and say that you need help, he will not look at you as a human being. Everything works on a pension number".*

Respondent # 6: (M) *"A few years ago, there was a hostess that walked around in the old Inflight Services Building with her eyes open wide. She became funny. everybody laughed at her. Not in her face, but behind her, because she became funny".*

Respondent # 2: (M) *"Everybody is in their own little world, pursuing their own interests".*

Respondent # 1: (F) *"Because we work in such a confined environment, we want our own breathing space once the work is done".*

Respondent # 12: (F) *".....they all seem to be so close to each other – accepting each other and joking with one another, a very happy community. But that is just a smoke screen. In reality, crew never become involved in each other's lives, apart from gossiping. You are just a pension number"*.

Respondents # 10: (F) *"The passengers makes me want to cry. I am trying so hard to please them. I go out of my way and still they don't appreciate what I do. This I can't handle any more"*.

Respondents seem to be alienated from their colleagues, and there is a need for personal recognition. Despite complaints of loneliness, some cabin attendants still prefer not to socialise after a flight. It is also clear that there is no genuine empathy between colleagues. Contact with passengers is also as temporary as the duration of the flight. Several respondents mentioned that passengers view cabin attendants only as faceless "glorified waitresses" with inferior mental abilities. This creates an "us and them" attitude with the cabin crew, an "in group vs out group" situation, where the passengers belong to the "out group" and are also given nicknames.

5.2.4 CC 4: SEPARATION ANXIETY BEFORE FLIGHT DEPARTURE [f = 6]

Criterion: Statements concerning the anticipation of loneliness and loss before leaving on an overseas flight were sorted under this theme. Statements expressing the fear of leaving loved ones behind, as well as remarks describing anxiety attacks before a flight, were also included.

Respondent # 12: (F) *"Before an overseas flight I feel anxious, lost, as if I'm not going to see my husband again. As if I'm saying goodbye for the last time ...it's terrible. Lately I cry until we get to the airport where my husband drops me off"*.

Respondent # 6: (M) *"I become silent and I must tell you that I usually start sweating under my right arm. The sweat literally run down my right arm."*

Respondent # 11: (F) *"If I don't know anybody on the crew, then I almost always become anxious. You know that feeling that you get when you write exams, but you haven't studied? I am like that"*.

Respondent # 7: (F) *“I feel anxious and incompetent. I feel insecure in that I am scared. I think the biggest thing is the fear of the unknown. That gets to me”.*

It is significant to note that the majority of the respondents who suffer from separation anxiety are females. Only one male respondent said that he becomes anxious before an overseas flight. This might be because he felt more comfortable talking about his feelings than most male respondents, or it might be because females are more dependent and prone to emotionality. Apart from one or two colleagues that permanently fly together, if they are lucky, crewmembers often do not know with whom they will be working on a flight. This uncertainty of not knowing what to expect, seems to increase anxiety. Some respondents also described physical symptoms resembling the typical physiological responses to danger described in Chapter 3. To constantly brave these anxieties can be detrimental to a person's health and detracts from job satisfaction.

5.2.5 CC 5: THE HOTEL ROOM [f = 6]

Criterion: Statements concerning any experiences of the hotel room - in other words, thoughts, behaviour and feelings that crew members associate with a hotel room - were categorised under this theme.

Respondent # 12: (F) *“The room becomes very small and impersonalthere is nothing in it that is mine. I miss my books, my music, you know....”.*

Respondent # 6: (M) *“I sat in the window of my room on the 28th floor and considered suicide. Then I climbed back into the room.”*

Respondent # 9: (M) *“I draw the curtains so that it is dark all around me and silent. Then I sleep. And they say we have an exciting and glamorous job! (laughs).”*

Respondent # 2: (M) *“I don't like sitting in a hotel room. I guess I feel claustrophobic. I need to get out and get some fresh air”.*

Respondent # 8: (M) “.....*there were no water, no air conditioning, no lights and all those kind of things. It is the same thing in the hotel in New York. The rooms were not ready. We had to wait 3 hours for our rooms, then they still didn't come and fix the TV's*”.

The physical environment has a role to play in structuring what people do, what they feel and the sorts of meanings that are associated with a specific physical environment (Sixsmith, 1986). In general, cabin attendants seem to associate a hotel room with seclusion and solitary activities. The room is never personalised territory, that is, an extension of the self, as it is normally the case in one's own room. There are no personal possessions with which one can identify. It might be that some crew experience a frustrated need for self-expression in their hotel rooms, especially on longer flights. Not one respondent referred to “my” room when talking about their hotel rooms. It was always referred to as “the” room, detached from anything personal. The television is an important means of killing time, and it causes great frustration if a set malfunctions.

In short, the hotel room is often experienced as a forlorn place of impermanence, a place of limited personal freedom and privacy.

5.2.6 CC 6: DEPRESSION [f = 6]

Criterion: Statements of despondency, tearfulness and sorrow were categorised under this theme. Respondents often exhibited symptoms of distress, such as spontaneous crying, while discussing matters related to this theme with the interviewer.

Respondent # 10: (F) “ *I don't know why I feel so depressed. I think my brain is chemically unbalanced. When I'm on a flight I just take it slow. Whenever I come to this place, I am totally depressed*”.

Respondent # 6: (M) “*My psychiatrist confirmed that I'm suffering from depression. He also explained that my depression is a result of my drinking problem. I also started smoking 4 years ago. (Silence). I'm not really coping anymore with the stress in the airline. But I'm trying ...(crying).*”

Respondent # 12: (F) *“Lately I cry until we get to the airport where my husband drops me off for the flight”.*

Respondent # 6: (M) *“According to the new licensing regulations, we as crew are not allowed to use anti-depressants, which of course only makes the problem worse”.*

There are so many factors interacting and mutually influencing one another in the cabin crew’s working environment, that it is impossible to identify a single factor that induces depression in cabin attendants. Each individual has a different situation, with unique responses to that situation. One male respondent acknowledged the existence of a recursive relationship between his depressed moods and drinking patterns. Of great concern is management’s prohibition of the use of anti-depressants by cabin attendants and the effect thereof. This regulation seems to decrease cabin attendant’s trust and loyalty towards the management of SAA, as they do not provide the much needed the support. It also seems that some attendants apparently have coping skills to deal with the stressors, and do not suffer from any mood disturbances.

5.2.7 CC 7: THE INFLUENCE OF FLYING ON MEANINGFUL RELATIONSHIPS **[f = 6]**

Criterion: Remarks describing the influence of flying on a cabin attendant's spouse, partner, children or friends were categorised under this theme.

Respondent # 9: (M) *“Yes, sometimes my wife cries when I’m leaving, but it is very seldom. Most of the time she gets depressed. But the stress I take is okay. I’m not happy at all about it. (Sigh). But what can you do, it is a way of life you have to live. She accepted it.”*

Respondent # 2: (M) *“The pressure from my girlfriend is stressful. Not pressure, but she constantly reminds me that she misses me when I’m gone. We bought a house, but we don’t spent time in it together to do certain things”.*

Respondent # 2: (M) *“I would also like that my friends remember me, remember my birthday. I always have to say ‘Hi, I’m going to be here, don’t forget me. I am still around’*

Cabin attendants have to put in more effort to maintain any relationship of value, as people with more normal routine work tend to forget about their flying friends and their flight schedules. These flight schedules are subjected to sudden changes, which means that a flight only returns a day or two later. Cabin attendants are consequently accused of being unreliable and disloyal partners or friends. In general it seems that cabin attendants who are secure in their relationships with family and friends have less concerns and anxieties about them. Although they do miss them for the duration of the flight, they are still able to enjoy their time away on their own.

5.2.8 CC 8: POOR PHYSICAL HEALTH [f=5]

Criterion: All statements concerning physical ailments like migraines, chronic fatigue, the propensity to fall ill and burn out symptoms is included under this category.

Respondent # 12: (F) *“Yes, without a doubt has flying affect my health. My immune system took the hammering. I constantly have a sore throat, or a sinus problem. If there is a virus going around, I am sure to fall ill”.*

Respondent # 11: (F) *“Yes, definitely. My feet and back suffer mostly. I also suffer from migraine when I’m under stress”.*

Respondent # 10: (M) *“No, I’ve been flying for twenty years now, and I cannot say that my health has been affected. I am fortunate to be very healthy”.*

Respondent # 4: (F) *“No, I don’t see any changes in my health”.*

Five of the twelve respondents complained of physical ailments, while the rest are enjoying good health. It seems that some respondents have naturally strong constitutions, while others have a predisposition for certain illnesses. Most of the complaints appear to be the cumulative effect of inadequate sleep. As described in Chapter 4, prolonged exposure to mental stress eventually decreases the immune system's ability to fight diseases.

Porter (1988) remarked that several female cabin attendants experienced problems with the inferior condition of their hair, skin and nails. In Porter's study, menstrual problems were frequently reported and related to disconcerted hormonal functions. With regards to these facts, the researcher refers the reader to Chapter 4, where the function of the adrenal gland and how it affects natural bodily cycles such as sleep and wakeful patterns, as well as certain hormonal fluctuations were discussed in brief.

5.2.9 CC 9: SHOPPING EXPERIENCES [f=5]

Criterion: Remarks regarding shopping experiences in various domestic or international cities were sorted under this category.

Respondent # 12: (F) *"This is a lifestyle, not a job. You get hooked on shopping. It's an addictive lifestyle".*

Respondent # 1: (F) *"And coming to think of it, it is not bad if the shops are close to the hotel, because then you always walk around and shop till you drop".*

Respondent # 10: (F) *"I spoil my child every time I go away on an overseas flight. I bring her something. When I look at it now, I'm making up for not being there by bringing gifts. It doesn't really work with presents".*

Respondent # 4: (F) *"I just love my shopping".*

Shopping is a favourite (therapeutic?) activity with which cabin attendants kill time in foreign cities. Buying presents for friends and family, gadgets and goodies for the household thousands of kilometres away, seems to bring loved ones and home closer. Thereby, a symbolic continuity between the familiar/ beloved and the exotic/unknown is created. Some

of the cabin attendants with the responsibilities of children, tend to “wrap up” their guilt feelings about not being home in a staggering amount of gifts. In some cases, the “shopaholic syndrome” is evident. The shopping experience seems to be a way to relieve tension.

The need to buy that some respondents reported seems to be so overpowering that it become addictive. Not surprisingly, an interest in shopping is a female affair. Not one of the male respondents referred to shopping as an exciting experience.

5.2.10 CC 10: FEELINGS OF HOSTILITY TOWARDS THE PASSENGERS [f=5]

Criterion: Statements concerning feelings of aggression towards the passengers were sorted under this theme. This includes remarks with regards to verbal abuse as well as physical abuse.

Respondent # 9: (M) *“So yes, I once did hit two or three passengers. They want to assault me and I’m not waiting for someone to hit me, I moer them first. Everybody saw what happened and passengers wrote reports. I was right and they were wrong.”*

Respondent # 7: (F) *“I think it is a whole build up, you know. Especially when you are caught out on Standby and you didn’t plan to go away from home. That is where the anger comes from most of the time. Anger directed towards the passengers, which is of course, unfair”.*

Respondent # 12: (F) *“Some are horrible, expecting wonders from you, others can be quite nice. You just have to kill them with kindness!”.*

Respondent # 9: (M) *“I asked the passenger why he is insisting on having a first class service, as he is a business class passenger. He said to me ‘fuck off’. I said to him, ‘no, you don’t talk to me like that. He said ‘buggeroff’, leave me alone, I know what I’m entitled to and you can do buggerall about it. I’ll write a letter.’ I said ‘fine, do It’”.*

Arguments between cabin attendants and passengers mainly arise because of special meals that have not been loaded for the flight, seating arrangements or poor client service in general.

Anger towards management or the roster office, is often projected on the passengers. Some passengers, commonly those that have had too much to drink, seem to deliberately provoke confrontation with certain cabin attendants. For irritated, fatigued cabin attendants, already on the brink of a nervous breakdown, such provocation is hard to counteract. It seems that some cabin attendants experience a great amount of frustration and anger, which is taken out on the passengers. Aggression, in the appropriate context, has "survival value" for humans, but definitely not in an environment where customers need to be taken care of and service is imperative for the survival of the company.

Porter (1988) remarked that pessimistic attitudes and perceptions of "everything going wrong", accompanied by aggressive thought patterns were evident in those cabin attendants that experienced high levels of work schedule stress. In this regard, Porter (1988) commented that emotional strain was frequently reported in the form of irritability, quick temperedness and general feeling of being "uptight".

5.2.11 CC 11: CREW ECCENTRICITIES [f = 4]

Criterion: Remarks concerning the idiosyncratic language that cabin attendants use to communicate with one another were sorted under this category. This language is unique to cabin attendants at SAA and includes nicknames for passengers and cockpit crew. Also included in this category are eccentric personal mannerisms that some cabin attendants display.

Respondent # 12: (F) *"You hear the typical language that crew mostly use, you know. It is the airline lingo. There are nicknames for some of the interesting characters, as well as for the passengers who behave in a certain way. For instance, I have just spoken to Edwin, but the crew call him Edwina Charlotte. Then there is still Molly, Wolkop and Dolla".*

Respondent # 12: (F) *"Passengers are categorised into 3 groups: Nora, Hilda and Chriselda. That is, you're a Hilda if you are a demanding and irritating passenger. Nora is even worse, asking for rooibos tea with lemon all the time, and Chriselda is an absolute nightmare to serve".*

Respondent # 8: (M) *“We are an abnormal bunch of people, otherwise we would not be able to survive”.*

Respondent # 6: (M) *“There are so many eccentric people in the airline. Many that are just otherwise. Not all of us, but many of us”.*

Respondent # 9: (M) *“Oh, very funny people here. Years ago, one guy was grounded because he became koekoes. He stayed in his Combi in the parking area at the old Inflight Services building. That is where he slept, ate and lived when he was not flying. He used to talk to himself. On the aircraft, after he did the safety announcements, he talked to the passengers over the PA, chatting away and saying up rhymes for them. He was actually very entertaining, always wanting to please the passengers”.*

Cabin attendants perceive their community as different and enigmatic with a certain amount of exclusivity. They spent a great deal of time in each other’s company, have to work together as a team on board and share the same frustrations. There seems to be several cabin attendants that are conspicuous for their individuality, sense of humour and flamboyancy. These are cabin attendants that have been in the airline for a long time. They probably needed to develop certain behaviour patterns to cope with their unique trials and tribulations at work, as well as in their personal lives. In general, the respondents portrayed a cohesive group identity. The migratory lifestyle possibly encourages the free spirited attitude of most cabin attendants.

As the preceding quotations illustrate, cabin attendants tend to categorise or stereotype passengers. It seems that this differentiation serves the purpose of gaining control over large numbers of passengers on board. That is, the categorisation of passengers prevents an information overload on the part of cabin attendants.

5.2.12 CC 12: ACCUSATIONS OF INCOMPETENT COLLEAGUES [f = 3]

Criterion: Remarks expressing the frustration of working on board a flight together with lazy and/or incompetent colleagues were sorted under this theme.

The term “flying friendships” expresses the superficial nature of relations between cabin attendants. They spend many days together away from home, and start sharing their personal lives with one another. It seems to be easier to have friendships with colleagues than trying to work on meaningful relationships outside the airline. If a cabin attendant is not flying on a permanent roster with another cabin attendant, he or she never spent enough time with a colleague to build a meaningful relationship. These are professional relationships, and have little personal depth.

5.2.14 CC 14: COMING HOME AFTER AN OVERSEAS FLIGHT [f = 3]

Criterion: Statements concerning the positive experience of the return flight, after being away from home for several days.

Respondent # 4: (F) *“The passengers can give me whatever trouble they want. They can stand on their heads, I don’t care. I am going home! I find that when I’m going home, I go that extra mile for the passengers, because I think I am never going to see you again. Stuff you”.*

Respondent # 7: (F) *“You should see me so early for pick-up. I don’t want any mistakes to happen. I just want to get home”.*

Respondent # 8: (M) *“It is always nice to come home. It’s a challenge to see what my wife has changed while I was away. You have to take the leadership as father and husband back from the women. I always look forward to what she will be telling me. What went wrong and how she coped with it”.*

It is clear, that during the return flight, cabin attendants feel excited and anticipate a happy reunion with loved ones. Most cabin attendants seem to experience home as some form of stability in an ever-changing social and physical environment. In this regard, Sixsmith (in Bielfeld 1997, p.90) stated that “home appears as a profound centre of meaning and a central emotional and sometimes physical reference point in a person’s life which is encapsulated in feelings of security, happiness and belonging”.

It seems that most married male cabin attendants do not experience any trouble when resuming their responsibilities back at home. They actually look forward to re-assuming the reins. In general, cabin attendants behave more friendly and service-oriented towards the passengers during the return flight. With the exception of a few cabin attendants, this friendly attitude is however, still toned with some underlying aggression. It is not a sincere or genuine friendliness, but rather a false smokescreen to finish the job as soon as possible and get home.

5.1.15 CC 15: SUICIDAL TENDENCIES [f = 2]

Criterion: Remarks concerning a respondent's wish to die were included in this category. Expressions of the attractiveness that death holds, because it is perceived as a way out of misery, were included under this theme.

Respondent # 6: (M) *"It happened a few years ago. I took a bottle of Whiskey and sat in the window of the hotel room on the 28th floor. I wanted to end it all. Then I climbed back into my room. I then decided to see a psychologist".*

Respondent # 3: (M) *Three years ago I swallowed about 140 pills. Sleeping pills and dehydration pills. Fortunately my landlord found me on my bed in time and contacted an ambulance. If he didn't find me, I wouldn't have been here today".*

Of the twelve respondents who were interviewed, two admitted to intense feelings of despondency and despair. These two respondents reported destructive or self-mutilating behaviour. They find themselves in a painful situation, as they believe they cannot change their own destiny, and have constant thoughts about death and ways to kill themselves. The prohibition on the use of any anti-depressants makes the situation even more serious, as these cabin attendants are of the opinion that nobody cares to support them.

5.2.16 CC 16: SUBSTANCE ABUSE [f = 8]

Criterion: All remarks that describe the abuse of alcohol or excessive pill consumption in order for cabin attendants to deal with stress were included under this theme.

Respondent # 2: (F) *“So, I know from myself, that I drink quite frequently when I’m away. I feel that it makes me relax. Especially when we get together to have lunch or dinner. It is always a ritual to meet and have dinner. So obviously you start to drink”*.

Respondent # 5: (M) *“Generally, most cabin crew are heavy consumers of alcohol. It might be because they have time on hand to socialise”*.

Respondent # 10: (F) *“I think that there is a lot more drug abuse than we really know about. And alcohol, I suppose....(silence). Because it is so available”*.

Respondent # 6: (M) *“Because I have drinking problem, I try not to go out with the crew for meals. I know that if I do, I will just drink again to forget about my worries”*.

Respondent # 12: (F) *“I always go to the nearest gym, or take some time to go shopping, or read”*.

Cabin attendants exhibit a variety of strategies to deal with their stress. Some opt for the intoxicating effect of alcohol and drug abuse in order to unwind. Boredom and the availability of both alcohol and drugs encourage such behaviour. According to Bateson (1979), Bernard Smith - the non-alcoholic representative of Alcoholics Anonymous - came close to the truth when he said, “the AA member was never enslaved by alcohol. Alcohol simply served as an escape from personal enslavement to the false ideals of a materialistic society”.

More effective ways of dealing with stress that cabin attendants reported are exercising, self-talk and religious activities. The avoidance of social activities out of fear of an uncontrollable drinking binge seems to intensify feelings of loneliness in those respondents who confessed having a drinking problem.

5.2.17 CC17: RELIGION [f = 2]

Criterion: Remarks describing spiritual practices, or the need for such practices, were sorted under this category.

Respondent # 12: (F) *"There is a small church in High Street Kensington, close to the hotel where we stay in London. I walk there whenever I feel down or miss home. There is something about the place that is comforting. It is always warm inside the wooden doors, and it reminds of home".*

It seems that some respondents associate a cathedral with the intimacy and warmth they experience with family and close friends in a homely environment. A church building and the activities taking place there are experienced as a trusted, predictable and familiar environment, where visitors seem to experience a sense of belonging and relatedness. Silence and peacefulness enable some respondents to do self-reflection and counter feelings of self-alienation. The predictability and patterning of religious rituals seems to counterbalance the unpredictability of the SAA lifestyle. This notion is an example of a negative feedback loop as discussed in Chapter 2. The effect of external fluctuations (rapid changing physical environment or sudden changes in flight schedules) is minimised through the predictability of planned or expected activities

5.2.18 CC18: PHYSICAL EXERCISE [f = 2]

Criterion: All statements referring to sporting activities that cabin attendants are involved in, were sorted under this theme.

Respondent # 6: (M) *"I used to play tennis ...just loved it... But it is impossible to take part in tournaments on week-ends, because I'm always away and cannot commit myself".*

Respondent # 12: (F) *"I try to find the nearest park, the "lung of the city", and go for long walks. In London, I like jogging in Hyde Park under those lovely old trees, watching couples strolling along the pathways with their dogs.....I always go to the nearest gym ..."*

The non-routine work schedules does not allow cabin attendants to take part in competitive team sports. Non-competitive exercises include individual-orientated sports like jogging and going to a gym. Exercising in a natural environment seems to enhance relaxation and psychological well being.

5.3 CONCLUSION

The handful of sand that Pirsig (1999) described in his book “Zen and the Art of Motorcycle Maintenance” is an appropriate metaphor for the way in which the researcher categorised the data obtained from the interviews. Pirsig (1999) described the formation of separate piles of sand on the basis of their similarity and dissimilarity in colour and form. Various themes or “piles of sand” were identified by the researcher from the cabin attendants' vast landscape of experiences, and categorised into eighteen different experiential themes. Quotes that best ascertain and describe the identity of a theme were included in a coding category. This first order “piling process” is unique to the researcher, since of her construction of reality is based on her unique personality traits and previous experiences.

In Chapter 6, this process of categorisation and sub-division will be continued towards the second-level analysis, that is, the formation of eight pattern categories. The third-level analysis, that is, the conceptual discussion will also be covered in Chapter 6.

CHAPTER SIX

SECOND-LEVEL ANALYSIS: PRESENTATION OF PATTERN CATEGORIES AND THIRD-LEVEL ANALYSIS: CONCEPTUAL DISCUSSION

6.1 INTRODUCTION

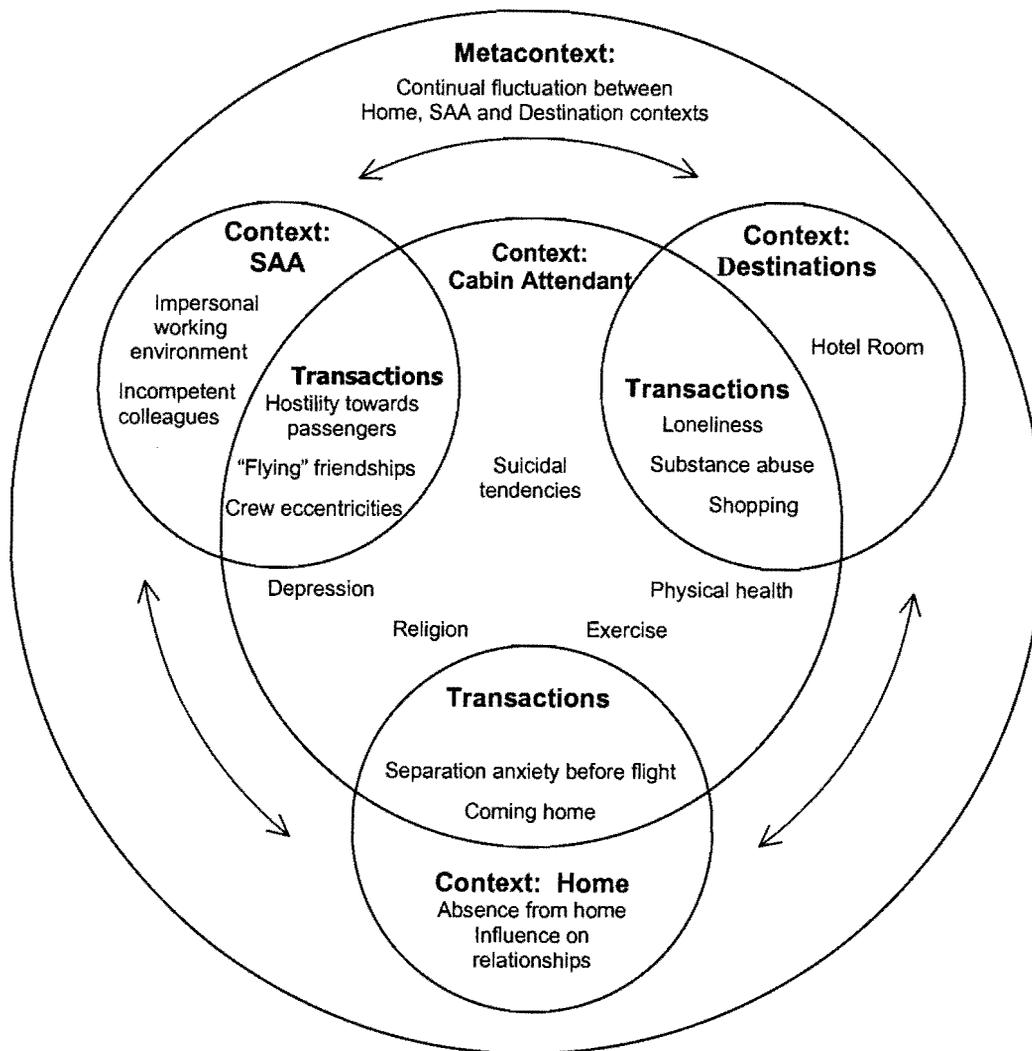
As discussed in Chapter 5, the descriptions of respondents' experiential world differ because each person constructs his/her own reality differently. It is however possible to identify some regularity in the respondents' descriptions of their experiences. Second-order analysis describes the relations between individual experiences. The closest we can get to the truth (in this study it is the essence of the experience of stressors in the working environment of cabin attendants) is by studying the patterns that bind ideas together (Bateson, 1979). The study of the relations between coding categories comprises the second-level analysis. The identified pattern categories are the product of this analysis. These pattern categories are based on the main themes underlying the coding categories, which were described during the first-level analysis.

Since various relationships may exist between the coding categories, a single coding category may be placed in more than one pattern category. The overlapping of the various coding categories constituting the pattern categories is the result of the coherence and interconnectedness of the pattern categories

Finally, the third-level analysis will be discussed. The pattern categories, which have been discussed during the second-level analysis, share underlying meanings, again giving rise to patterning on a higher level. The conceptual discussion will indicate how the various coding and pattern categories are integrated and how they relate to the more general concepts of a systemic epistemology.

Figure 3. A schematic representation of the different transacting contexts in the lives of cabin crew

The different elements in the diagram refer to the coding categories that were identified during the first-level analysis. The eight different contexts refer to the pattern categories that were identified during the second-level analysis. These different contexts are in continual fluctuation and are schematically presented as follows:



6.2 PRESENTATION OF PATTERN CATEGORIES

6.2.1 PC1: CABIN ATTENDANT

Constituting coding categories:

CC6: Depression

CC8: Poor physical health

CC15: Suicidal tendencies

CC17: Religion

CC18: Exercise

This pattern category comprises the experiential or the lived world of the cabin attendant. As indicated in the diagram, the cabin attendant is in constant transaction with three main contexts, namely Home, Destinations and SAA working environment. The coding categories Religion (CC17) and Exercise (CC18) can be described as activities that cabin attendants pursue to relieve stress. It seems that the time spent alone in silence, whether jogging in a park or meditating in a church, provides the freedom for cabin attendants to do self-reflection and gain a fresh perspective on their personal lives. For some cabin attendants, sanctuaries seem to provide special spiritual experiences. Surrounded by the uncertainty of the swiftly changing physical and social environment, a stony or granite cathedral symbolises constancy and timelessness, providing a psychological anchor to some cabin attendants. During such times of tranquillity, it seems that a cabin attendant experiences a heightened sense of self. In addition to this, some cabin crew reported an awareness of being connected to a higher reality, thereby lifting feelings of depression (CC6). With regards to this, Capra (1987, p.329-330) remarked: "At these rare moments in our lives we may feel that we are in synchrony with the whole universe. These moments of perfect rhythm, when everything else feels exactly right and things are done with great ease, are high spiritual experiences in which every form of separateness or fragmentation is transcended".

The interview data suggests that Depression (CC6) and Poor physical health (CC8) mutually reinforce one another. The more depressed a respondent feel, the poorer his or her physical health seems to be and the poorer a person's health, the more likely he or she is to be depressed. This "snowball effect" may escalate up to where a cabin attendant has thoughts of suicide or actual attempts to commit suicide as described by Respondent #6, in Chapter 5,

section 5.1.15. Porter (1988, p.120) remarked that "with regards to the specific facets of wellness, as measured, work schedule stress demonstrated a significant relationship with high levels of exhaustion, depression, psychosomatic complaints and low levels of general health". In Chapter 3, section 3.2.2 the physiological processes involved in a person's adaptation to a stressful environment were described in detail. It was also mentioned that continuous exposure to a stressful environment might have detrimental effects on a person's physical and psychological health.

6.2.2 PC2: CONTEXT: HOME

Constituting coding categories:

CC1: Absence from home on special days

CC7: Influence of flying on meaningful relationships

The central theme in these coding categories is the relationship patterns cabin crew experiences at home. Bielfeld (1997, p.75) defined home as "a place of refuge, providing a person with roots and a sense of stability and permanence". Home is a place where meaningful relationships with significant others are experienced in a relative predictable environment. For cabin crew, such predictable social circumstances are not always possible, due to their work schedules. Sixsmith (1986, p.291 in Bielfeld 1997) was of the opinion that "it is familiarity with other people, their habits, emotions, actions etceteras, indeed the very knowledge that they are there, which creates an atmosphere of social understanding".

Continual absence from home on days of significance like birthdays or anniversaries seems to create a disturbance in meaningful relationships at home. Respondents often described a feeling of being "disconnected" with their family and friends. Husbands, wives, partners, children and friends of cabin attendants may interpret their absence from home on special days as a sign of dwindling love or disinterest in the relationship, which seems to become a basis for distrust and suspicion. The contrary may also be true. When there is already so much unhappiness in a relationship, a cabin attendant may utilise flight schedules to escape from an unpleasant home environment.

6.2.3 PC3: TRANSACTIONS WITH CONTEXT: HOME

Constituting coding categories:

CC4: Separation anxiety before flight departure

CC14: Coming home after an overseas flight

The coding categories constituting this pattern category refer to the ceaseless cycle of departing from and reuniting with family and friends. It appears that the intensity of anxiety experienced by cabin attendants upon departure from home equals the intensity of the excitement and joy they feel upon their return. The symptoms of anxiety that some cabin attendants seem to experience before international flight departures varies from tearfulness and general restlessness to severe perspiration and intense misery (CC4). Respondent #6 described this experience as follows: *“Ek raak baie stil. Dan begin ek sweet onder my regterarm. Die druppeltjies hardloop letterlik onder my arms af. Dan begin ek maar net weer drink en vergeet van die sorge wat voorlé”*. These symptoms are induced or intensified by anticipated thoughts and feelings of "being disconnected" from meaningful relationships, from emotional and physical closeness to another person. Bielfeld (1997) remarked that home is not just a physical structure that provides shelter, but is a place where one's emotional needs can be met.

During my own employment as a cabin attendant as SAA, I noticed that I experienced significantly less separation anxiety before flight departures when circumstances at home were pleasant and stable. I also noticed that cabin crew who enjoyed secure relationships, characterised by mutual trust and confidence that the family are able to cope in their absence, experienced less anxiety and uptightness before and during a flight. As humans, we seem to have an innate need for relative permanence and continuation in our social environment.

6.2.4 PC4: CONTEXT: DESTINATIONS

Constituting categories:

CC5: Hotel room

As mentioned in Chapter 5, section 5.2.5, the physical environment has a role to play in structuring what people do, how people feel and the symbolic meanings they attach to it. The interview data suggests that the majority of cabin attendants spend the greater part of their stay in international cities alone in their hotel rooms. The respondents associate a hotel room with a shelter where there is limited personal freedom and privacy. Cabin attendants experience the hotel room as a place of transition, deprived from any personal possessions that give a sense of warmth and belonging. Mostly, the hotel room is associated with solitary activities such as reading, watching television, attempts to sleep and often tormenting thoughts of what is going on back home. In this sense, it seems that cabin attendants do not experience a hotel room as “home away from home”.

6.2.5 PC5: TRANSACTIONS WITH CONTEXT: DESTINATIONS

Constituting coding categories:

CC2: Loneliness

CC9: Shopping experiences

CC16: Substance abuse

The relations between these coding categories have a negative undertone, and if I were to colour this slice in the circle named "Context: Destinations" in Diagram 1, I probably would have chosen black. Despite the excitement that foreign destinations could offer a person, some cabin attendants' accounts tell a very different story. The saying "if you're tired of London, you're tired of life", seems to apply to the lives of some cabin attendants. Intense feelings of loneliness (CC2) and "not belonging" were reported by the majority of the respondents, and such feelings may increase the incidence of substance abuse (CC16). On the long run, a cabin attendant's habit of substance abuse seems to have self-alienating effect. The cabin attendant feels "cut off" from him or herself as well as from other people. Feelings of loneliness are thereby intensified. There seems to be a recursive relationship between

Substance abuse (CC16) and Loneliness (CC2). In some cases, Shopping experiences (CC9) appears to be an attempt to alleviate feelings of loneliness and alienation.

This pattern category reminds me of the words of a familiar country song:

"I've been to Nice, and the Isle of Greece where I've sipped champagne on a yacht,
Moved like Harlo in Monte Carlo and showed them what I've got...
I've been to paradise,
But I've never been to me"

6.2.6 PC6: CONTEXT: SAA WORKING ENVIRONMENT

Constituting coding categories:

CC3: Impersonal working environment

CC12: Accusations of incompetent colleagues

The central theme in this pattern category is the lack of empathy cabin attendants demonstrate towards each other and experience from the side of management and the roster office. Respondent #12 described this context as follows: "... They all seem to be so close to each other - accepting each other and joking with one another, a very happy community. But that is just a smoke screen. In reality, cabin attendants never become involved in each other's lives, apart from gossiping. The data suggests that the impersonal working environment (CC3) elicit frustrations between colleagues, which eventually manifests itself in accusations of incompetence between cabin attendants (CC12).

6.2.7 PC7: TRANSACTIONS WITH CONTEXT: SAA WORKING ENVIRONMENT

Constituting coding categories:

CC10: Hostility towards the passengers

CC11: Crew eccentricities

CC13: "Flying" friendships with colleagues

In their working environment, cabin attendants interact with colleagues and passengers in the confined space of an aircraft for periods of time that can last for up to seventeen hours.

Despite the fact that cabin attendants spend a lot of time together, they do not seem to share deep friendships and emotional closeness with one another. Aggression towards passengers (CC10) could possibly originate from frustrated needs for intimacy and meaningful relationships. Temporary friendships with colleagues (CC13) - or “flying friendships” as one respondent called them - could possibly contribute to Loneliness (CC2), Depression (CC6) and Substance abuse (CC19). Cabin attendants that abuse alcohol or drugs may damage relationships with family and friends. It appears that cabin attendants experience disturbed social meaningful relationships at work and often at home.

Some respondents reported that in their working environment, individuality gets lost. Respondent #6 remarked “*I am only a number, a pension number*”. It could be for this reason that some cabin attendants attempt to define or restore their identity by conspicuous mannerisms, language and behaviour (CC11).

6.2.8 PC8: METACONTEXT

The seven above-mentioned contexts are all embedded in a larger metacontext. A *metacontext* is a context of contexts. The metacontext identified in this analysis is characterised by a continual alternation between contexts. The various person-context transactions described above are to a large degree influenced by the fact that cabin attendants are continually alternating between contexts. One's experience of coming home to loved ones, for instance, is surely affected by the knowledge that this reunion is only a prelude to the next farewell.

Life experiences of cabin crew are more complex than Figure 6.1 suggests. It is not only the adjacent circles or contexts that connect with one another, but also the non-contiguous contexts that interconnect with one another. For example, the context “Destination” can transact directly with the context “SAA working environment”, such as when cabin attendants behave in a hostile manner towards passengers (CC10) and colleagues, because of their own frustrations after spending many days in another city away from home (CC5). Another example might be that a cabin attendant's continual absence from home on special days (CC1) may give rise to depression (CC6), which may motivate the crewmember to abuse alcohol (CC16), causing poor physical health (CC8) over a period of time. Poor physical health (CC8) may aggravate Depression (CC6), thereby creating a self-reinforcing cycle. A

systems theoretical approach allows the researcher to telescope in and out the bigger picture to describe the transactions within the smaller contexts, as well as the transactions of these contexts with the metacontext.

6.3 THIRD ORDER ANALYSIS: CONCEPTUAL DISCUSSION

The aim of the third order analysis is to obtain an integrated understanding of the underlying patterns in experiences of cabin crew in their working environment, and will be presented in the form of a conceptual discussion. The researcher will attempt to indicate how the various coding and pattern categories are integrated and related to the more general concepts of a systemic epistemology.

6.3.1 Positive and negative feedback loops

The results from the first-, and second-level of analysis suggest that recursive relationships exist between certain coding categories and/or pattern categories. This means that various categories may reinforce each other mutually, creating negative or positive feedback loops as discussed in Chapter 2. The following *positive feedback loops* have been identified:

- The categories Depression (CC6) and Poor physical health (CC8) seems to reinforce each other. The more depressed a cabin attendant feel, the poorer his/her physical health seems to be. Poor physical health in turn seems to give rise to depression. When a cabin attendant experiences ill health, it is not possible to do physical exercises in an attempt to alleviate depression in a natural manner. He or she is often too tired or weak to engage in activities that may uplift feelings of despondency. Such physical immobility seems to exacerbate the depressed mood of a cabin attendant. As discussed in Chapter 4, prolonged mental stress or depressed moods eventually decreases the immune system's ability to fight diseases, causing more serious illnesses and more misery.
- Unhappy circumstances at home can motivate cabin attendants to request more flights in order to escape an unfortunate environment where they experience conflict with and alienation from family members and friends. Being away from home more frequently and for longer periods at a time only reinforces feelings of estrangement and intensifies existing conflict between a cabin attendant and family members. This situation further

provokes the cabin attendant to request flights in an attempt to "flee" circumstances at home.

- A self-amplifying loop exists between the coding categories Substance abuse (CC16) and Depression (CC6). Alcohol and drug abuse seems to intensify feelings of depression. The more depressed cabin attendants feel, the more they tend to escape this reality by abusing alcohol or drugs. In turn, depressed moods escalate - reinforcing the positive feedback loop.
- The same snowball effect exists between the coding categories Depression (CC6) and Loneliness (CC2). The more depressed a cabin attendant feel, the more he/she withdraws from colleagues, friends and family. Withdrawing behaviour prevents a cabin attendant to develop intimate relationships and enjoy the companionship of colleagues, friends and family.
- Productive, efficient and caring cabin attendants receive letters of appreciation from passengers. This acknowledgement and expression of appreciation motivates cabin attendants to render even higher standards of customer service, causing more letters of appreciation to reach management. This specific positive feedback loop is constructive, while all the aforementioned positive feedback loops are destructive.

As discussed in Chapter 2, negative feedback loops or homeostatic feedback loops instigate some contrary or compensatory action, thereby "balancing" the system. From the results of the first- and second-level analysis, the following negative feedback loops were identified:

- For some cabin attendants the practice of Religion (CC17) counteracts Loneliness (CC2). Cabin attendants experience a sense of belonging and relatedness through religious practices. Feelings of detachment are minimised and cabin attendants can engage in solitary activities with renewed inspiration.
- Cabin attendants sometimes seems to withdraw from other people after a strenuous flight. Seeking social isolation assist cabin attendants to regain their "balance" to prepare for the next flight.

6.3.2 Matching of flexibility of interacting systems

Bateson (1972) went on to say that in a healthy human ecology, there is a match between the flexibility of the people and the flexibility of the civilisation. Matching flexibility between interacting subsystems create a complex higher order system that is open-ended for slow change. In this study, the interacting systems are the cabin attendant and his/her working environment. In the following paragraph I will attempt to describe the contrast between the flexibility of humans and the flexibility of high technology in the airline industry.

Humans were clever enough to invent technology to help them overcome their lack of wings. These high technology aircraft had been designed with a great amount of flexibility. The steel-winged giants in the sky can adapt to a variety of environmental factors, for example fluctuations in weather conditions, loss of engine power or sudden loss of altitude. In contrast, we have not been clever enough to prevent the disruptive effects of disturbed circadian rhythms or to correct dysfunctional communication patterns in interpersonal relationships. The healing of emotional wounds cannot be accelerated by technology. Advances or “growth” in technology cannot be compared to growth in human affairs, which has a time of its own. In this sense, there is a limited amount of matched flexibility between the high-tech working environment as a system and the cabin attendant as a system. From the respondents' descriptions of their experiences in their working environment, this man-environment system does not portray a picture of health. In this regard, Bateson (1972, p.503) remarked: *" It appears that the man-environment system has certainly been progressively unstable since the introduction of metals, the wheel, and script"*. In the light of the results of this study, it seems appropriate to comment that the invention of "the wing" added to the instability of the man-environment system.

6.3.3 *Quidquid recipitur, ad modum recipientis recipitur* ("Whatever is received, is received according to the manner of the receiver"):

The cabin attendant in transaction with the various contexts can never be a detached observer of reality. The type of experience that a crewmember spontaneously shared with the researcher is not determined by the working environment only, but also personal characteristics. Each respondent's description of the stressors in his/her working environment is a unique construction of reality. In this regard, Dell (1985, p.7) remarked: “ Forces and

impacts cannot and do not determine, specify or instruct the behaviour of an object. They are merely the historical occasion for the system to continue its structure-determined behaviour". In short, it is not solely the stressors in the working environment of cabin crew that "cause" thoughts and behaviour. From a systems theory perspective, it is more correct to state that the stressors induce and facilitate certain responses that are already inherent in a respondent's personality structure. Capra (1987, p.290) confirmed this statement: " A living organism is a self-organising system, which means that its order in structure and function is not imposed by the environment but by the system itself". It is possible however, that the stressors in the working environment of cabin crew can encourage certain experiences and inhibit others.

In sum, the working environment serves as a catalyst for the stressful experiences, while a cabin attendant's reactions are determined by his/her own emotional and physical composition.

6.3.4 Disrupted personal meaningful patterns

Throughout the process of analysis, it seems that some cabin attendants experience a relative lack of personal meaningful patterns. Perold, (2000, p.16) stated: "It is true that human beings are born with a deep-rooted belief in the "lawfulness" of their world, or in the regularity of causes and effects. It is probably also true that this belief may be destroyed – at least as far as certain types of contexts are concerned. This might be achieved by repeatedly exposing a person to a context in which sequences of events are completely devoid of pattern or regularity. Eventually, the person may learn that it is futile to try to predict the outcome. The context will have become predictable in its unpredictability." In systems thinking, pattern, redundancy, meaning and information can be regarded as synonyms. Where there is pattern or redundancy, there is regularity, predictability, meaning or information: "From a tree visible above ground, it is possible to guess at the existence of roots below ground. The top provides information about the bottom. From what I say, it may be possible to make predictions about how you will answer. My words contain meaning or information about your reply" (Bateson, 1972, p.131).

Three different disruptions in personal meaningful patterns will be discussed in this section. Disrupted circadian rhythms, disrupted interpersonal relationships and disrupted cultural patterns are distinguished.

6.3.4.1 Disrupted circadian rhythms

Disrupted circadian rhythms seriously affect the physical and emotional health of some cabin attendants. Lynch (1972) pointed out that changes in circadian rhythms imposed from the outside - by rotating shifts or flights across time zones, for instance - often result in fatigue, bodily upset and mental stress. Research done by Singer (1985) cited in Porter (1988) concluded that proper adjustment of the body clock never occurs, and that there is only distortion of rhythms, never adaptation. The body is not allowed to function according to its own internal wisdom for growth and healing, because its cyclical “lawfulness” is continually disrespected.

6.3.4.2 Disrupted interpersonal relationships

The irregularity of cabin attendants' work schedules makes it difficult for cabin attendants to establish meaningful ***interpersonal relationship patterns***. Some cabin attendants seem to experience relationships that are completely devoid of any pattern. The knowledge of the state of a certain relationship creates expectations about how future interaction and behaviour within that relationship will be like. However, these expectations are more than often not met in the lives of cabin crew. What is experience as true and real in a personal relationship is not valid anymore the following day. That is, relationship patterns cannot be predicted with certainty. Physical presence and closeness to meaningful people on a regular basis build familiarity, trust and loyalty. These relationship patternings seem to diminish in the migratory lifestyle of cabin attendants. Some respondents seem to acquire a sense of learned helplessness in their personal relationships, and do not take the trouble anymore to nurture these relationships. The personal relationship context has therefore become predictable in its unpredictability.

6.3.4.3 Disrupted cultural patterns

Cultural norms and values form the context in which interaction between individuals takes place. Cabin attendants from traditional African ethnic backgrounds seem to experience a disruption of ***cultural patterns*** in their lives. In accordance to affirmative action policies, SAA needed to correct the grossly uneven demographic distribution with regards to race. Potential employees from cities as well as rural areas were targeted for recruitment. Cabin

attendants realise those familiar and known values and behaviour from an often native and rural lifestyle cannot be put into practice in a first-world environment. In a sense, a cultural evolution is taking place in the lives of cabin attendants from an unsophisticated, rural environment where they are being moulded and trained into a new culture. The new environment is experienced as unpredictable and without meaning. This inconsistency is evident from the following remark that a respondent jokingly made during the interviews:

Respondent # 5 (M) *"Aish! Yesterday I bought these expensive Gucci shoes in London. Tonight, back home in Kwa-zulu Natal, I'll be slaughtering a beast with my family, dancing with my new Gucci shoes around the fire!"*

The conflict between the western and ethnic cultures seems to deplete the budget of flexibility of some of the crewmembers. For them, the new culture has become predictable in its unpredictability, and adaptation to these changes will require a great amount of flexibility.

6.4 CONCLUSION

The results of the second-order analysis were presented in the form of eight pattern categories. During the conceptual discussion, the interrelatedness of the coding categories and pattern categories were integrated and related to more general concepts of systems thinking.

These results cannot be viewed as all encompassing, although certain aspects of the findings correspond with previous research by Porter (1988), as indicated in the pattern categories. It is impossible for any researcher to give a complete description of reality. However, with this study, I intended to gain a more comprehensive understanding of the experiences that cabin crew have in their working environment:

"We social scientists would do well to hold back our eagerness to control the world which we so imperfectly understand ... Rather, our studies could be inspired by a more ancient, but today less honoured motive: a curiosity about the world of which we are part. The rewards of such work are not power but beauty" (Bateson, 1972, p.269).

CHAPTER 7

CONCLUSIONS AND RECOMMENDATIONS

“Our evolution continues to offer us freedom of choice. We can consciously alter our behaviour by changing our values and attitudes to regain the spirituality and ecological awareness we have lost.”

Fritjof Capra

7.1 INTRODUCTION

In Chapter 2, the aim of this dissertation was defined as the development of a holistic description of the manner in which cabin attendants at SAA experience their working environment. It is not in the scope of this study to present the reader with an explanation for their behaviour or experiences. Three different levels of analysis, progressively more abstract, formed the framework of analysis. At each level of analysis, experiences or concepts were grouped together on the basis of certain criteria so as to form meaningful categories. The first-level analysis comprised cabin attendant’s individual descriptions of their working environment. The individual’s experience is based on his or her construction of reality, that is, individual meanings or patterns. The second-level analysis comprised shared meanings - that is, patterns of patterns of experiences. The third-level analysis relates the coding and pattern categories to some general concepts of systems theory.

7.2 SUMMARY OF RESULTS

The results from the first-level analysis indicated that cabin attendants experience "Absence from home on special days" (CC1) as a major stressor in their working environment. Ten out of the twelve respondents mentioned this theme during the interview. Loneliness (CC2) was mentioned by eight of the twelve respondents, indicating a high incidence of unfulfilled social needs amongst cabin attendants. Depression (CC6) and Suicidal tendencies (CC15) were also reported too frequently - that is, [f=6] and [f=2] respectively. Management should take these results seriously and implement support strategies with care and sensitivity.

The results of the second-level analysis indicated the interdependence between the various contexts that constitute the lived world of a cabin attendant. The stressors that cabin attendants experience in their working environment may be exacerbated or alleviated by their circumstances at home or their physical and/or psychological well-being. The experiences described - that is the stories told by cabin attendants during the interviews, were presented as an ecology of relationships. In short, the working experiences of cabin attendants involve various contexts that continuously interact with one another, creating an ever-changing kaleidoscope of different colours, patterns and designs

The results of the third-level analysis reiterate the fundamental systemic principles according to which all living things function. Certain positive feedback loops in the working experiences of cabin attendants were identified. The dilemma of matching of flexibility of interacting systems (the cabin attendant interacting with the high-tech working environment) was discussed. The results suggested a disruption of personal meaningful patterns in the lives of cabin attendants.

7.3 RECOMMENDATIONS

According to Stokols (1991), research "findings" should be able to suggest intervention points not only at the individual level, but also at community level. In this study, it is the community level that is of interest, specifically the SAA cabin attendant community. As primary safety officers on board an aircraft, cabin attendants perform a vital function. Hancock (in Porter, 1986) stated that: "The failure of flight attendants to accomplish specific tasks can have catastrophic consequences, however, such individuals are subjected to many long term stresses and are still expected to perform at 100% efficiency". The following suggestions are proposed to enhance the quality of life of flight attendants:

7.3.1 Psycho-educational workshop

The problems of shift work are inherent in the nature of the airline industry. It is not feasible to remove all the difficulties associated with work schedules. However, it is possible to reduce some of the negative effects of work schedules through education or awareness programmes to cabin attendants. The results of this study can be integrated into a psycho-educational workshop for cabin attendants. New recruits, as well as some of the "old bags",

might not always be educated as how to cope with the effects of their work schedules. The primary aim of such a workshop should be to equip cabin attendants with the skills to enhance the psychosocial quality of their lives. Cabin attendants, especially new recruits, need to be provided with information on topics such as eating, sleeping and recreational patterns. The secondary aim should be to make cabin attendants aware of their capacity for change or adaptation by thinking in terms of a budget of flexibility, as discussed in Chapter 6. Such information may empower individuals to take up the responsibility for managing their lifestyles.

7.3.2 Limited years of flying

The emotional and physical problems reported by cabin attendants, for example severe depression, loneliness and chronic fatigue, usually develop over a period of time. It is suggested that a legal limit be placed on the number of years that cabin attendants are allowed to fly. This strategy might reduce the long-term effects of flying on physical and psychological health. For example, employees can be contracted to work as cabin attendants for two years, where after they are given the choice to leave the airline or to apply for a position in another department. The consequent high turnover of cabin attendants will put more pressure on the human resource staff. However, I propose that with a shorter flying career, cabin attendants are less likely to develop serious health related difficulties. It is hypothesised that the Inflight Services of South African Airways will experience less absenteeism and crew shortages on flights. There will be more commitment to the company, improved levels of customer services and a consequent increase in revenue. This strategy has successfully been implemented at an airline company in Dubai.

7.3.3 Recommendations for future research

It was mentioned in Chapter 1 that insufficient research exists with regards to the well being of cabin attendants. From the results of this study, it can be concluded that further research in this field is necessary and the opportunities vast. Investigations could focus on psychological and/or physiological differences between cabin attendants who are able to cope and those who struggle to do so. A comparative study between the "survivors" and the "non-survivors" could render useful information for selection and training purposes.

7.4 "THAT REMINDS ME OF A STORY"

"The fountain of content must spring up in the mind, and he who hath so little knowledge of human nature as to seek happiness by changing anything but his own disposition, will waste his life in fruitless efforts and multiply the grief he proposes to remove".

Samuel Johnson

Bateson considered stories, parables and metaphors to be essential expressions of human thinking. He would never deal with any idea in a purely abstract way, but would always present it concretely by telling a story. Since relationships are the essence of the living world, one would do best, Bateson maintained (in Capra, 1989) if one spoke a language of relationships to describe it. This is what stories do. A story connects people from different contexts or backgrounds to one another. The following story is an ancient one, full of images and symbols, told by Bushmen from generation to generation. However, its meaning is as relevant to humankind today as it was to the Bushmen who created it centuries ago. The story is simple and describes a primitive man's experience of losing "meaning" or "soul" in life:

There was once a man who lived happily by keeping cattle. One morning he found that his cows had no milk to give. (In other words, the story is telling us that he had arrived at a moment in his own life when his old ways no longer provided him with sustenance). He took them to better grazing grounds, but they still had no milk to give. He decided to keep watch on the cattle in their kraal. During midnight he saw a cord coming down from the stars, with beautiful young women with containers, who started milking his cows. When they saw him, they scattered immediately and ran up the cord as fast as they could. He managed to catch hold of one of the girls, who still had her container with her. She said that she was happy to become his wife but on the following condition: she will fill the container full of starlight, and he must promise that he will never look in this container without her permission. He promised her that and they lived happily for months. One day, the man got irritated with the container and decided to look into it, while his wife was in the fields. He could not see anything in the container and perceived it as empty. That evening when she came home, she knew immediately that he had looked into her container and was very upset. He told her: 'You silly creature! Why have you made such a

fuss about an empty container?' 'Empty?' she uttered, distressed. 'Yes, empty!' And at once she became very sad, turned her back on him, walked straight into the sunset and was never seen again on earth.

The problem here was not the fact that the man had broken his promise to his wife. Rather, the man could not see anything in the container, although it was full of starlight that the beautiful girl brought down for both of them. To him it was empty, without any meaning. This is an image of the moment in our lives when we can no longer see what we have naturally in our containers, the moment we experience a loss of meaning in our lives. It is not that we have empty containers, but rather that we have lost the capacity to see its content, to enjoy meaning and fulfilment in life and to live passionately. This loss was a loss of soul for the cattleman and implied a living death for him thereafter.

What cabin attendants at SAA "see" (experience) in their "containers" (working environment), should not be understood in terms of their visual sense of sight, but in terms of the understanding and the interpreting of their experiences. With regards to this, Capra (1987, p.320) remarked: "The patterns we perceive around us are based in a very fundamental way on the patterns within. Patterns of matter mirror patterns of mind, coloured by subjective feelings and values". The respondents imposed their own patterns or meaning, unconsciously, on their experiential world.

It is therefore not only the working environment that needs change, but also the cabin attendants' ability to make sense out of their working environment. This change incorporates a belief in the possibility of determining one's own fate and an attempt to make the most out of a situation. For all living things *growth* is a necessity of survival. Man survives not by adjusting himself to his physical environment in the manner of an animal, but by transforming his environment through intellectual and emotional growth. In this regard, Ayn Rand (1964, p.121) remarked:

"An animal's capacity for development ends at physical maturity and thereafter its growth consists of the action necessary to maintain itself at a fixed level. After reaching maturity it does not, to any significant level continue to grow in efficacy - that is, it does not significantly increase its ability to cope with the environment. But man's capacity for development does not end at physical maturity; his capacity is virtually limitless. His power to reason is man's

distinguishing characteristic, his mind is man's basic means of survival - and his ability to think, to learn, to discover new and better ways of dealing with reality, to expand the range of his efficacy, to grow intellectually, is an open door to a road that has no end.

7.5 CONCLUSION

As mentioned in Chapter 2, it is not possible for a researcher to describe or understand the complexity of the interconnecting parts of any system or phenomena completely. Korzybski (1979-1950) emphasised that descriptions are simplified versions and not accurate presentations of real-life situations. With regards to this, Bateson (1979, p.100) stated: "I surrender to the belief that my knowing is a small part of a wider integrated knowing that knits the entire biosphere or creation". In agreement, Keeney (1979, p.47) remarked: "As one of Birdwhistell's (1970) students put it, it's (doing research on human behaviour) like trying to understand a drainage system from a 6-inch slice of river". However, this study has achieved it's objective if the reader was encouraged to think about the behaviour of cabin attendants in terms of various transacting contexts, circular causality or patterns that connect.

CHAPTER FIVE

RESULTS AND DISCUSSION OF THE FIRST- LEVEL ANALYSIS

5.1 INTRODUCTION

The aim of this chapter is to present the results of the first-level analysis. The first-level analysis comprises the presentation of the 18 coding categories. The discussion of each category is accompanied by applicable quotations from the interview transcripts. The order in which the coding categories are presented, does not reflect the importance of that specific category, but rather the number of times that a category occurred in the set of protocols. The general incidence of a coding category was calculated and is presented as a frequency next to the title of each category.

5.2 DISCUSSION OF CODING CATEGORIES (CCs)

As mentioned in Chapter 2 (p.18), the researcher and the data form a self-referential observing system, which draws new distinctions, that is, creates new meanings. After careful scrutinising of the protocols, the researcher constructed 18 coding categories. These categories will consequently be discussed.

5.2.1 CC 1: ABSENCE FROM HOME ON SPECIAL DAYS [f = 10]

Criterion: Remarks regarding the fact that due to flight schedules, cabin crew cannot spend important days like birthdays, religious holidays, weddings, funerals or anniversaries together with the important people in their lives.

Respondent # 1: *"I never seem to be at the right place at the right time. I am always going to work when others are coming home or enjoying weekends. It never seems to work out that you're home when something happens. There is no glamour to that"*

Respondent # 4: (F) *"What stresses me most of flying, is not being there when you are needed".*

Respondent # 6: (M) *“You are never home for special occasions, that is weddings, funerals or whatever the case may be. So people seems to eventually distant themselves from you because you are never around”.*

Respondent # 2: (M) *“It is very uncertain. You go away and you feel you are missing out on a lot of things. So many things happened within the space of time in which you were away. You feel you are losing out on a lot”.*

Respondent # 5: (M) *“Sitting in the hotel room, I mostly think what is going on back home. If it is someone’s birthday, I wonder if they all get together. That frustrates me”.*

Respondent # 7: (F) *“You have irregular working hours. For me it’s time to decide if I’m going to fly when my child is born, am I going to be there when my child gives his first steps, am I going to fight to have the day off to be at my child’s birthday?”.*

Despres (1991) cited in Bielfeld (1997, p.98)) was of the opinion that “a home is experienced as the locus of intense emotional experience, and as providing an atmosphere of social understanding where one’s actions, opinions and moods are accepted”. The social networks built in and around a home give a sense of acceptance and belonging. The inability to plan family activities such as birthdays, religious and special holidays is described by cabin crew as extremely disruptive. The unfulfilled social need of crewmembers to share special occasions with loved ones is evident. Some respondents seriously questioned whether life has any meaning if one is never able to share in the celebrations and rituals of milestones reached by meaningful others. Cabin attendants are preoccupied with thoughts about friends and family back home. It seems that this separation, this constant being away, gives rise to feelings of intense isolation. Sudden flight delays and changes in flight schedules contribute to these negative emotions. The frustration of being powerless to change the immediate circumstances due to flight schedules seems to be unbearable in some instances. Guilt feelings also appear to become a burden, where a crew member cannot give much needed support during a funeral; wedding or birthday of a loved one. Cabin attendants also fear that people outside the airline may think of them as undependable and untrustworthy.

5.2.2 CC 2: LONELINESS [f = 8]

Criterion: Statements that reflect respondent's feelings of isolation from meaningful relationships. Also included are statements indicating the anxiety and frustration that respondents experience when they are alone in the hotel room away from home.

Respondent # 12: (F) *"Loneliness feels dark. As if your umbilical cord with life and everyone you love has been cut off. I get terribly lonely in the hotel room on long overseas flights. The room becomes very small and impersonal. There is nothing in it that is mine. I miss my books, my music, you know"*.

Respondent # 12: (F) *"London during winter makes me feel lonely. The rain never stops pouring, and the skies are always grey"*.

Respondent # 3: (M) *"Perth is bad. It's like Bloemfontein by the sea. There is nothing to do after five in the afternoon. Only empty street from my window. That is why I always have the TV on. It's voices from a box, but at least they are there"*.

Respondent # 7: (F) *"I feel very much lonely, very depressed from loneliness, and homesick. Last Sunday I wasn't aware that the shops were open – I was so homesick. O, on hearing the church bells ringing, I just wanted to cry my eyes out. Some of my money I actually used for telephone calls to phone home. I just had to speak to somebody that I know"*.

Respondent # 2: (M) *"It is your duty to make yourself fit. If you don't fit, you're an outcast. So I made myself fit. I am an easy-going person and it is easy for me to adapt to the environment"*.

The duties of cabin attendants do not allow them to spend quality time with important people. The majority of respondents were concerned about their feelings of detachment and isolation from meaningful relationships. One respondent used descriptions of subdued colours to express her experience of loneliness. Some cabin attendants seem to take responsibility for their own happiness, by reaching out to other members or getting involved in community activities, thereby encouraging social contact. Certain international cities seem to awaken the

experience of loneliness more often than others. Perth in Australia is an infamous destination because of the scarcity of activities it offers to cabin attendants. The absence of external stimulation seems to make some members aware of a void within themselves and a lack of content in their lives. I could almost feel the forlornness and intense distress in the voices of the cabin attendants quoted above.

Porter (1988) stated that the majority of female cabin attendants in her study reported that their work schedules placed additional demands on them. This seems to be especially true in terms of the effort required to maintain meaningful relationships with partners, friends and family outside the airline. These female cabin attendants reported declining social activity, loss of contact with friends outside the airline, perceptions of lack of understanding by partners, friends and family, as well as consequent feelings of isolation, loneliness and sometimes withdrawal (Porter, 1988).

5.2.3 CC 3: IMPERSONAL WORKING ENVIRONMENT [f = 7]

Criterion: Statements regarding the lack of empathy amongst crew, as well as the superficial involvement in each other's lives. This category also includes remarks concerning unappreciative passengers.

Respondent # 11: (F) *"If you go to somebody and say that you need help, he will not look at you as a human being. Everything works on a pension number".*

Respondent # 6: (M) *"A few years ago, there was a hostess that walked around in the old Inflight Services Building with her eyes open wide. She became funny. everybody laughed at her. Not in her face, but behind her, because she became funny".*

Respondent # 2: (M) *"Everybody is in their own little world, pursuing their own interests".*

Respondent # 1: (F) *"Because we work in such a confined environment, we want our own breathing space once the work is done".*

Respondent # 12: (F) *".....they all seem to be so close to each other – accepting each other and joking with one another, a very happy community. But that is just a smoke screen. In reality, crew never become involved in each other's lives, apart from gossiping. You are just a pension number"*.

Respondents # 10: (F) *"The passengers makes me want to cry. I am trying so hard to please them. I go out of my way and still they don't appreciate what I do. This I can't handle any more"*.

Respondents seem to be alienated from their colleagues, and there is a need for personal recognition. Despite complaints of loneliness, some cabin attendants still prefer not to socialise after a flight. It is also clear that there is no genuine empathy between colleagues. Contact with passengers is also as temporary as the duration of the flight. Several respondents mentioned that passengers view cabin attendants only as faceless "glorified waitresses" with inferior mental abilities. This creates an "us and them" attitude with the cabin crew, an "in group vs out group" situation, where the passengers belong to the "out group" and are also given nicknames.

5.2.4 CC 4: SEPARATION ANXIETY BEFORE FLIGHT DEPARTURE [f = 6]

Criterion: Statements concerning the anticipation of loneliness and loss before leaving on an overseas flight were sorted under this theme. Statements expressing the fear of leaving loved ones behind, as well as remarks describing anxiety attacks before a flight, were also included.

Respondent # 12: (F) *"Before an overseas flight I feel anxious, lost, as if I'm not going to see my husband again. As if I'm saying goodbye for the last time ...it's terrible. Lately I cry until we get to the airport where my husband drops me off"*.

Respondent # 6: (M) *"I become silent and I must tell you that I usually start sweating under my right arm. The sweat literally run down my right arm."*

Respondent # 11: (F) *"If I don't know anybody on the crew, then I almost always become anxious. You know that feeling that you get when you write exams, but you haven't studied? I am like that"*.

Respondent # 7: (F) *“I feel anxious and incompetent. I feel insecure in that I am scared. I think the biggest thing is the fear of the unknown. That gets to me”.*

It is significant to note that the majority of the respondents who suffer from separation anxiety are females. Only one male respondent said that he becomes anxious before an overseas flight. This might be because he felt more comfortable talking about his feelings than most male respondents, or it might be because females are more dependent and prone to emotionality. Apart from one or two colleagues that permanently fly together, if they are lucky, crewmembers often do not know with whom they will be working on a flight. This uncertainty of not knowing what to expect, seems to increase anxiety. Some respondents also described physical symptoms resembling the typical physiological responses to danger described in Chapter 3. To constantly brave these anxieties can be detrimental to a person's health and detracts from job satisfaction.

5.2.5 CC 5: THE HOTEL ROOM [f = 6]

Criterion: Statements concerning any experiences of the hotel room - in other words, thoughts, behaviour and feelings that crew members associate with a hotel room - were categorised under this theme.

Respondent # 12: (F) *“The room becomes very small and impersonalthere is nothing in it that is mine. I miss my books, my music, you know....”.*

Respondent # 6: (M) *“I sat in the window of my room on the 28th floor and considered suicide. Then I climbed back into the room.”*

Respondent # 9: (M) *“I draw the curtains so that it is dark all around me and silent. Then I sleep. And they say we have an exciting and glamorous job! (laughs).”*

Respondent # 2: (M) *“I don't like sitting in a hotel room. I guess I feel claustrophobic. I need to get out and get some fresh air”.*

Respondent # 8: (M) “.....*there were no water, no air conditioning, no lights and all those kind of things. It is the same thing in the hotel in New York. The rooms were not ready. We had to wait 3 hours for our rooms, then they still didn't come and fix the TV's*”.

The physical environment has a role to play in structuring what people do, what they feel and the sorts of meanings that are associated with a specific physical environment (Sixsmith, 1986). In general, cabin attendants seem to associate a hotel room with seclusion and solitary activities. The room is never personalised territory, that is, an extension of the self, as it is normally the case in one's own room. There are no personal possessions with which one can identify. It might be that some crew experience a frustrated need for self-expression in their hotel rooms, especially on longer flights. Not one respondent referred to “my” room when talking about their hotel rooms. It was always referred to as “the” room, detached from anything personal. The television is an important means of killing time, and it causes great frustration if a set malfunctions.

In short, the hotel room is often experienced as a forlorn place of impermanence, a place of limited personal freedom and privacy.

5.2.6 CC 6: DEPRESSION [f = 6]

Criterion: Statements of despondency, tearfulness and sorrow were categorised under this theme. Respondents often exhibited symptoms of distress, such as spontaneous crying, while discussing matters related to this theme with the interviewer.

Respondent # 10: (F) “ *I don't know why I feel so depressed. I think my brain is chemically unbalanced. When I'm on a flight I just take it slow. Whenever I come to this place, I am totally depressed*”.

Respondent # 6: (M) “*My psychiatrist confirmed that I'm suffering from depression. He also explained that my depression is a result of my drinking problem. I also started smoking 4 years ago. (Silence). I'm not really coping anymore with the stress in the airline. But I'm trying ...(crying).*”

Respondent # 12: (F) *“Lately I cry until we get to the airport where my husband drops me off for the flight”.*

Respondent # 6: (M) *“According to the new licensing regulations, we as crew are not allowed to use anti-depressants, which of course only makes the problem worse”.*

There are so many factors interacting and mutually influencing one another in the cabin crew’s working environment, that it is impossible to identify a single factor that induces depression in cabin attendants. Each individual has a different situation, with unique responses to that situation. One male respondent acknowledged the existence of a recursive relationship between his depressed moods and drinking patterns. Of great concern is management’s prohibition of the use of anti-depressants by cabin attendants and the effect thereof. This regulation seems to decrease cabin attendant’s trust and loyalty towards the management of SAA, as they do not provide the much needed the support. It also seems that some attendants apparently have coping skills to deal with the stressors, and do not suffer from any mood disturbances.

5.2.7 CC 7: THE INFLUENCE OF FLYING ON MEANINGFUL RELATIONSHIPS **[f = 6]**

Criterion: Remarks describing the influence of flying on a cabin attendant's spouse, partner, children or friends were categorised under this theme.

Respondent # 9: (M) *“Yes, sometimes my wife cries when I’m leaving, but it is very seldom. Most of the time she gets depressed. But the stress I take is okay. I’m not happy at all about it. (Sigh). But what can you do, it is a way of life you have to live. She accepted it.”*

Respondent # 2: (M) *“The pressure from my girlfriend is stressful. Not pressure, but she constantly reminds me that she misses me when I’m gone. We bought a house, but we don’t spent time in it together to do certain things”.*

Respondent # 2: (M) *“I would also like that my friends remember me, remember my birthday. I always have to say ‘Hi, I’m going to be here, don’t forget me. I am still around’*

Cabin attendants have to put in more effort to maintain any relationship of value, as people with more normal routine work tend to forget about their flying friends and their flight schedules. These flight schedules are subjected to sudden changes, which means that a flight only returns a day or two later. Cabin attendants are consequently accused of being unreliable and disloyal partners or friends. In general it seems that cabin attendants who are secure in their relationships with family and friends have less concerns and anxieties about them. Although they do miss them for the duration of the flight, they are still able to enjoy their time away on their own.

5.2.8 CC 8: POOR PHYSICAL HEALTH [f=5]

Criterion: All statements concerning physical ailments like migraines, chronic fatigue, the propensity to fall ill and burn out symptoms is included under this category.

Respondent # 12: (F) *“Yes, without a doubt has flying affect my health. My immune system took the hammering. I constantly have a sore throat, or a sinus problem. If there is a virus going around, I am sure to fall ill”.*

Respondent # 11: (F) *“Yes, definitely. My feet and back suffer mostly. I also suffer from migraine when I’m under stress”.*

Respondent # 10: (M) *“No, I’ve been flying for twenty years now, and I cannot say that my health has been affected. I am fortunate to be very healthy”.*

Respondent # 4: (F) *“No, I don’t see any changes in my health”.*

Five of the twelve respondents complained of physical ailments, while the rest are enjoying good health. It seems that some respondents have naturally strong constitutions, while others have a predisposition for certain illnesses. Most of the complaints appear to be the cumulative effect of inadequate sleep. As described in Chapter 4, prolonged exposure to mental stress eventually decreases the immune system's ability to fight diseases.

Porter (1988) remarked that several female cabin attendants experienced problems with the inferior condition of their hair, skin and nails. In Porter's study, menstrual problems were frequently reported and related to disconcerted hormonal functions. With regards to these facts, the researcher refers the reader to Chapter 4, where the function of the adrenal gland and how it affects natural bodily cycles such as sleep and wakeful patterns, as well as certain hormonal fluctuations were discussed in brief.

5.2.9 CC 9: SHOPPING EXPERIENCES [f=5]

Criterion: Remarks regarding shopping experiences in various domestic or international cities were sorted under this category.

Respondent # 12: (F) *"This is a lifestyle, not a job. You get hooked on shopping. It's an addictive lifestyle"*.

Respondent # 1: (F) *"And coming to think of it, it is not bad if the shops are close to the hotel, because then you always walk around and shop till you drop"*.

Respondent # 10: (F) *"I spoil my child every time I go away on an overseas flight. I bring her something. When I look at it now, I'm making up for not being there by bringing gifts. It doesn't really work with presents"*

Respondent # 4: (F) *"I just love my shopping"*.

Shopping is a favourite (therapeutic?) activity with which cabin attendants kill time in foreign cities. Buying presents for friends and family, gadgets and goodies for the household thousands of kilometres away, seems to bring loved ones and home closer. Thereby, a symbolic continuity between the familiar/ beloved and the exotic/unknown is created. Some

of the cabin attendants with the responsibilities of children, tend to “wrap up” their guilt feelings about not being home in a staggering amount of gifts. In some cases, the “shopaholic syndrome” is evident. The shopping experience seems to be a way to relieve tension.

The need to buy that some respondents reported seems to be so overpowering that it become addictive. Not surprisingly, an interest in shopping is a female affair. Not one of the male respondents referred to shopping as an exciting experience.

5.2.10 CC 10: FEELINGS OF HOSTILITY TOWARDS THE PASSENGERS [f=5]

Criterion: Statements concerning feelings of aggression towards the passengers were sorted under this theme. This includes remarks with regards to verbal abuse as well as physical abuse.

Respondent # 9: (M) *“So yes, I once did hit two or three passengers. They want to assault me and I’m not waiting for someone to hit me, I moer them first. Everybody saw what happened and passengers wrote reports. I was right and they were wrong.”*

Respondent # 7: (F) *“I think it is a whole build up, you know. Especially when you are caught out on Standby and you didn’t plan to go away from home. That is where the anger comes from most of the time. Anger directed towards the passengers, which is of course, unfair”.*

Respondent # 12: (F) *“Some are horrible, expecting wonders from you, others can be quite nice. You just have to kill them with kindness!”.*

Respondent # 9: (M) *“I asked the passenger why he is insisting on having a first class service, as he is a business class passenger. He said to me ‘fuck off’. I said to him, ‘no, you don’t talk to me like that. He said ‘buggeroff’, leave me alone, I know what I’m entitled to and you can do buggerall about it. I’ll write a letter.’ I said ‘fine, do It’”.*

Arguments between cabin attendants and passengers mainly arise because of special meals that have not been loaded for the flight, seating arrangements or poor client service in general.

Anger towards management or the roster office, is often projected on the passengers. Some passengers, commonly those that have had too much to drink, seem to deliberately provoke confrontation with certain cabin attendants. For irritated, fatigued cabin attendants, already on the brink of a nervous breakdown, such provocation is hard to counteract. It seems that some cabin attendants experience a great amount of frustration and anger, which is taken out on the passengers. Aggression, in the appropriate context, has "survival value" for humans, but definitely not in an environment where customers need to be taken care of and service is imperative for the survival of the company.

Porter (1988) remarked that pessimistic attitudes and perceptions of "everything going wrong", accompanied by aggressive thought patterns were evident in those cabin attendants that experienced high levels of work schedule stress. In this regard, Porter (1988) commented that emotional strain was frequently reported in the form of irritability, quick temperedness and general feeling of being "uptight".

5.2.11 CC 11: CREW ECCENTRICITIES [f = 4]

Criterion: Remarks concerning the idiosyncratic language that cabin attendants use to communicate with one another were sorted under this category. This language is unique to cabin attendants at SAA and includes nicknames for passengers and cockpit crew. Also included in this category are eccentric personal mannerisms that some cabin attendants display.

Respondent # 12: (F) *"You hear the typical language that crew mostly use, you know. It is the airline lingo. There are nicknames for some of the interesting characters, as well as for the passengers who behave in a certain way. For instance, I have just spoken to Edwin, but the crew call him Edwina Charlotte. Then there is still Molly, Wolkop and Dolla".*

Respondent # 12: (F) *"Passengers are categorised into 3 groups: Nora, Hilda and Chriselda. That is, you're a Hilda if you are a demanding and irritating passenger. Nora is even worse, asking for rooibos tea with lemon all the time, and Chriselda is an absolute nightmare to serve".*

Respondent # 8: (M) *“We are an abnormal bunch of people, otherwise we would not be able to survive”.*

Respondent # 6: (M) *“There are so many eccentric people in the airline. Many that are just otherwise. Not all of us, but many of us”.*

Respondent # 9: (M) *“Oh, very funny people here. Years ago, one guy was grounded because he became koekoes. He stayed in his Combi in the parking area at the old Inflight Services building. That is where he slept, ate and lived when he was not flying. He used to talk to himself. On the aircraft, after he did the safety announcements, he talked to the passengers over the PA, chatting away and saying up rhymes for them. He was actually very entertaining, always wanting to please the passengers”.*

Cabin attendants perceive their community as different and enigmatic with a certain amount of exclusivity. They spent a great deal of time in each other’s company, have to work together as a team on board and share the same frustrations. There seems to be several cabin attendants that are conspicuous for their individuality, sense of humour and flamboyancy. These are cabin attendants that have been in the airline for a long time. They probably needed to develop certain behaviour patterns to cope with their unique trials and tribulations at work, as well as in their personal lives. In general, the respondents portrayed a cohesive group identity. The migratory lifestyle possibly encourages the free spirited attitude of most cabin attendants.

As the preceding quotations illustrate, cabin attendants tend to categorise or stereotype passengers. It seems that this differentiation serves the purpose of gaining control over large numbers of passengers on board. That is, the categorisation of passengers prevents an information overload on the part of cabin attendants.

5.2.12 CC 12: ACCUSATIONS OF INCOMPETENT COLLEAGUES [f = 3]

Criterion: Remarks expressing the frustration of working on board a flight together with lazy and/or incompetent colleagues were sorted under this theme.

The term “flying friendships” expresses the superficial nature of relations between cabin attendants. They spend many days together away from home, and start sharing their personal lives with one another. It seems to be easier to have friendships with colleagues than trying to work on meaningful relationships outside the airline. If a cabin attendant is not flying on a permanent roster with another cabin attendant, he or she never spent enough time with a colleague to build a meaningful relationship. These are professional relationships, and have little personal depth.

5.2.14 CC 14: COMING HOME AFTER AN OVERSEAS FLIGHT [f = 3]

Criterion: Statements concerning the positive experience of the return flight, after being away from home for several days.

Respondent # 4: (F) *“The passengers can give me whatever trouble they want. They can stand on their heads, I don’t care. I am going home! I find that when I’m going home, I go that extra mile for the passengers, because I think I am never going to see you again. Stuff you”.*

Respondent # 7: (F) *“You should see me so early for pick-up. I don’t want any mistakes to happen. I just want to get home”.*

Respondent # 8: (M) *“It is always nice to come home. It’s a challenge to see what my wife has changed while I was away. You have to take the leadership as father and husband back from the women. I always look forward to what she will be telling me. What went wrong and how she coped with it”.*

It is clear, that during the return flight, cabin attendants feel excited and anticipate a happy reunion with loved ones. Most cabin attendants seem to experience home as some form of stability in an ever-changing social and physical environment. In this regard, Sixsmith (in Bielfeld 1997, p.90) stated that “home appears as a profound centre of meaning and a central emotional and sometimes physical reference point in a person’s life which is encapsulated in feelings of security, happiness and belonging”.

It seems that most married male cabin attendants do not experience any trouble when resuming their responsibilities back at home. They actually look forward to re-assuming the reins. In general, cabin attendants behave more friendly and service-oriented towards the passengers during the return flight. With the exception of a few cabin attendants, this friendly attitude is however, still toned with some underlying aggression. It is not a sincere or genuine friendliness, but rather a false smokescreen to finish the job as soon as possible and get home.

5.1.15 CC 15: SUICIDAL TENDENCIES [f = 2]

Criterion: Remarks concerning a respondent's wish to die were included in this category. Expressions of the attractiveness that death holds, because it is perceived as a way out of misery, were included under this theme.

Respondent # 6: (M) *"It happened a few years ago. I took a bottle of Whiskey and sat in the window of the hotel room on the 28th floor. I wanted to end it all. Then I climbed back into my room. I then decided to see a psychologist".*

Respondent # 3: (M) *Three years ago I swallowed about 140 pills. Sleeping pills and dehydration pills. Fortunately my landlord found me on my bed in time and contacted an ambulance. If he didn't find me, I wouldn't have been here today".*

Of the twelve respondents who were interviewed, two admitted to intense feelings of despondency and despair. These two respondents reported destructive or self-mutilating behaviour. They find themselves in a painful situation, as they believe they cannot change their own destiny, and have constant thoughts about death and ways to kill themselves. The prohibition on the use of any anti-depressants makes the situation even more serious, as these cabin attendants are of the opinion that nobody cares to support them.

5.2.16 CC 16: SUBSTANCE ABUSE [f = 8]

Criterion: All remarks that describe the abuse of alcohol or excessive pill consumption in order for cabin attendants to deal with stress were included under this theme.

Respondent # 2: (F) *“So, I know from myself, that I drink quite frequently when I’m away. I feel that it makes me relax. Especially when we get together to have lunch or dinner. It is always a ritual to meet and have dinner. So obviously you start to drink”.*

Respondent # 5: (M) *“Generally, most cabin crew are heavy consumers of alcohol. It might be because they have time on hand to socialise”.*

Respondent # 10: (F) *“I think that there is a lot more drug abuse than we really know about. And alcohol, I suppose....(silence). Because it is so available”.*

Respondent # 6: (M) *“Because I have drinking problem, I try not to go out with the crew for meals. I know that if I do, I will just drink again to forget about my worries”.*

Respondent # 12: (F) *“I always go to the nearest gym, or take some time to go shopping, or read”.*

Cabin attendants exhibit a variety of strategies to deal with their stress. Some opt for the intoxicating effect of alcohol and drug abuse in order to unwind. Boredom and the availability of both alcohol and drugs encourage such behaviour. According to Bateson (1979), Bernard Smith - the non-alcoholic representative of Alcoholics Anonymous - came close to the truth when he said, “the AA member was never enslaved by alcohol. Alcohol simply served as an escape from personal enslavement to the false ideals of a materialistic society”.

More effective ways of dealing with stress that cabin attendants reported are exercising, self-talk and religious activities. The avoidance of social activities out of fear of an uncontrollable drinking binge seems to intensify feelings of loneliness in those respondents who confessed having a drinking problem.

5.2.17 CC17: RELIGION [f = 2]

Criterion: Remarks describing spiritual practices, or the need for such practices, were sorted under this category.

Respondent # 12: (F) *"There is a small church in High Street Kensington, close to the hotel where we stay in London. I walk there whenever I feel down or miss home. There is something about the place that is comforting. It is always warm inside the wooden doors, and it reminds of home".*

It seems that some respondents associate a cathedral with the intimacy and warmth they experience with family and close friends in a homely environment. A church building and the activities taking place there are experienced as a trusted, predictable and familiar environment, where visitors seem to experience a sense of belonging and relatedness. Silence and peacefulness enable some respondents to do self-reflection and counter feelings of self-alienation. The predictability and patterning of religious rituals seems to counterbalance the unpredictability of the SAA lifestyle. This notion is an example of a negative feedback loop as discussed in Chapter 2. The effect of external fluctuations (rapid changing physical environment or sudden changes in flight schedules) is minimised through the predictability of planned or expected activities

5.2.18 CC18: PHYSICAL EXERCISE [f = 2]

Criterion: All statements referring to sporting activities that cabin attendants are involved in, were sorted under this theme.

Respondent # 6: (M) *"I used to play tennis ...just loved it... But it is impossible to take part in tournaments on week-ends, because I'm always away and cannot commit myself".*

Respondent # 12: (F) *"I try to find the nearest park, the "lung of the city", and go for long walks. In London, I like jogging in Hyde Park under those lovely old trees, watching couples strolling along the pathways with their dogs.....I always go to the nearest gym ..."*

The non-routine work schedules does not allow cabin attendants to take part in competitive team sports. Non-competitive exercises include individual-orientated sports like jogging and going to a gym. Exercising in a natural environment seems to enhance relaxation and psychological well being.

5.3 CONCLUSION

The handful of sand that Pirsig (1999) described in his book “Zen and the Art of Motorcycle Maintenance” is an appropriate metaphor for the way in which the researcher categorised the data obtained from the interviews. Pirsig (1999) described the formation of separate piles of sand on the basis of their similarity and dissimilarity in colour and form. Various themes or “piles of sand” were identified by the researcher from the cabin attendants' vast landscape of experiences, and categorised into eighteen different experiential themes. Quotes that best ascertain and describe the identity of a theme were included in a coding category. This first order “piling process” is unique to the researcher, since of her construction of reality is based on her unique personality traits and previous experiences.

In Chapter 6, this process of categorisation and sub-division will be continued towards the second-level analysis, that is, the formation of eight pattern categories. The third-level analysis, that is, the conceptual discussion will also be covered in Chapter 6.

CHAPTER SIX

SECOND-LEVEL ANALYSIS: PRESENTATION OF PATTERN CATEGORIES AND THIRD-LEVEL ANALYSIS: CONCEPTUAL DISCUSSION

6.1 INTRODUCTION

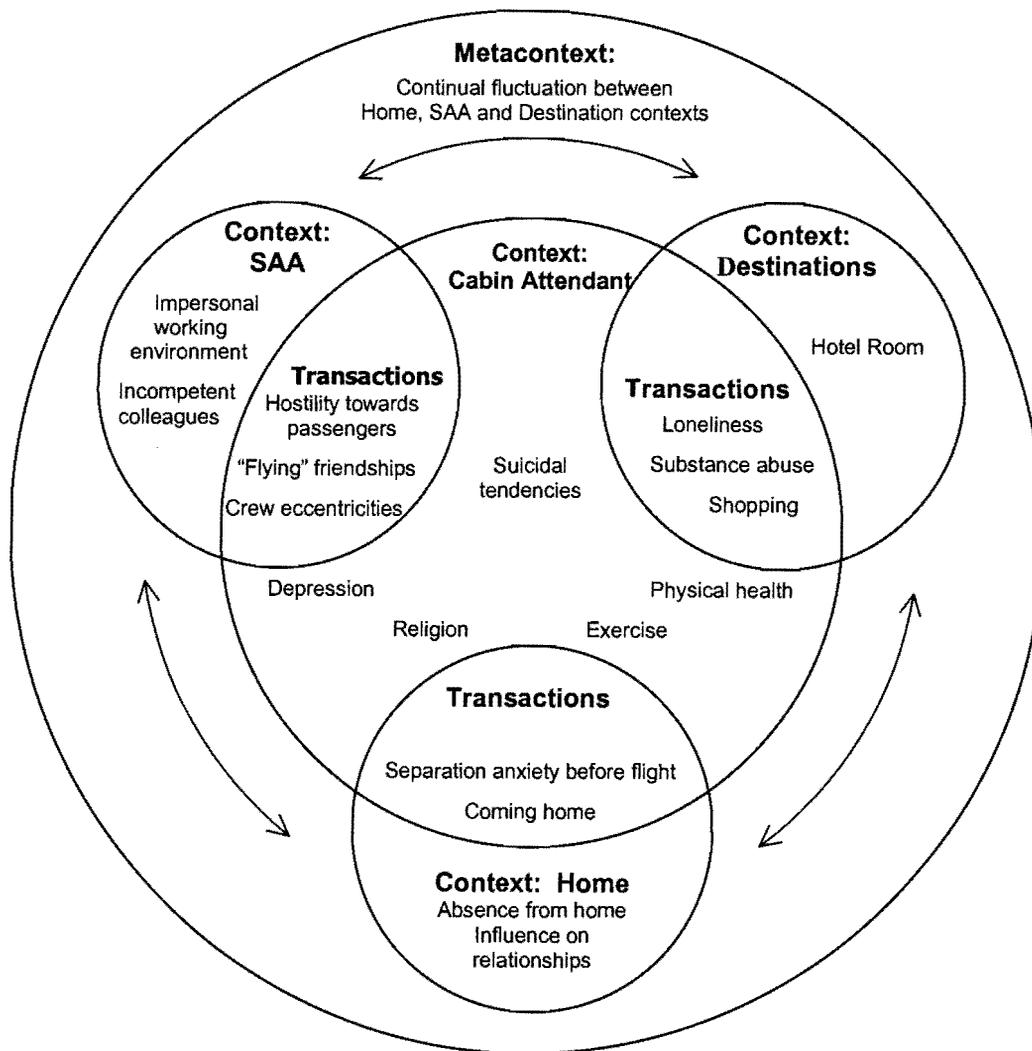
As discussed in Chapter 5, the descriptions of respondents' experiential world differ because each person constructs his/her own reality differently. It is however possible to identify some regularity in the respondents' descriptions of their experiences. Second-order analysis describes the relations between individual experiences. The closest we can get to the truth (in this study it is the essence of the experience of stressors in the working environment of cabin attendants) is by studying the patterns that bind ideas together (Bateson, 1979). The study of the relations between coding categories comprises the second-level analysis. The identified pattern categories are the product of this analysis. These pattern categories are based on the main themes underlying the coding categories, which were described during the first-level analysis.

Since various relationships may exist between the coding categories, a single coding category may be placed in more than one pattern category. The overlapping of the various coding categories constituting the pattern categories is the result of the coherence and interconnectedness of the pattern categories

Finally, the third-level analysis will be discussed. The pattern categories, which have been discussed during the second-level analysis, share underlying meanings, again giving rise to patterning on a higher level. The conceptual discussion will indicate how the various coding and pattern categories are integrated and how they relate to the more general concepts of a systemic epistemology.

Figure 3. A schematic representation of the different transacting contexts in the lives of cabin crew

The different elements in the diagram refer to the coding categories that were identified during the first-level analysis. The eight different contexts refer to the pattern categories that were identified during the second-level analysis. These different contexts are in continual fluctuation and are schematically presented as follows:



6.2 PRESENTATION OF PATTERN CATEGORIES

6.2.1 PC1: CABIN ATTENDANT

Constituting coding categories:

CC6: Depression

CC8: Poor physical health

CC15: Suicidal tendencies

CC17: Religion

CC18: Exercise

This pattern category comprises the experiential or the lived world of the cabin attendant. As indicated in the diagram, the cabin attendant is in constant transaction with three main contexts, namely Home, Destinations and SAA working environment. The coding categories Religion (CC17) and Exercise (CC18) can be described as activities that cabin attendants pursue to relieve stress. It seems that the time spent alone in silence, whether jogging in a park or meditating in a church, provides the freedom for cabin attendants to do self-reflection and gain a fresh perspective on their personal lives. For some cabin attendants, sanctuaries seem to provide special spiritual experiences. Surrounded by the uncertainty of the swiftly changing physical and social environment, a stony or granite cathedral symbolises constancy and timelessness, providing a psychological anchor to some cabin attendants. During such times of tranquillity, it seems that a cabin attendant experiences a heightened sense of self. In addition to this, some cabin crew reported an awareness of being connected to a higher reality, thereby lifting feelings of depression (CC6). With regards to this, Capra (1987, p.329-330) remarked: "At these rare moments in our lives we may feel that we are in synchrony with the whole universe. These moments of perfect rhythm, when everything else feels exactly right and things are done with great ease, are high spiritual experiences in which every form of separateness or fragmentation is transcended".

The interview data suggests that Depression (CC6) and Poor physical health (CC8) mutually reinforce one another. The more depressed a respondent feel, the poorer his or her physical health seems to be and the poorer a person's health, the more likely he or she is to be depressed. This "snowball effect" may escalate up to where a cabin attendant has thoughts of suicide or actual attempts to commit suicide as described by Respondent #6, in Chapter 5,

section 5.1.15. Porter (1988, p.120) remarked that "with regards to the specific facets of wellness, as measured, work schedule stress demonstrated a significant relationship with high levels of exhaustion, depression, psychosomatic complaints and low levels of general health". In Chapter 3, section 3.2.2 the physiological processes involved in a person's adaptation to a stressful environment were described in detail. It was also mentioned that continuous exposure to a stressful environment might have detrimental effects on a person's physical and psychological health.

6.2.2 PC2: CONTEXT: HOME

Constituting coding categories:

CC1: Absence from home on special days

CC7: Influence of flying on meaningful relationships

The central theme in these coding categories is the relationship patterns cabin crew experiences at home. Bielfeld (1997, p.75) defined home as "a place of refuge, providing a person with roots and a sense of stability and permanence". Home is a place where meaningful relationships with significant others are experienced in a relative predictable environment. For cabin crew, such predictable social circumstances are not always possible, due to their work schedules. Sixsmith (1986, p.291 in Bielfeld 1997) was of the opinion that "it is familiarity with other people, their habits, emotions, actions etceteras, indeed the very knowledge that they are there, which creates an atmosphere of social understanding".

Continual absence from home on days of significance like birthdays or anniversaries seems to create a disturbance in meaningful relationships at home. Respondents often described a feeling of being "disconnected" with their family and friends. Husbands, wives, partners, children and friends of cabin attendants may interpret their absence from home on special days as a sign of dwindling love or disinterest in the relationship, which seems to become a basis for distrust and suspicion. The contrary may also be true. When there is already so much unhappiness in a relationship, a cabin attendant may utilise flight schedules to escape from an unpleasant home environment.

6.2.3 PC3: TRANSACTIONS WITH CONTEXT: HOME

Constituting coding categories:

CC4: Separation anxiety before flight departure

CC14: Coming home after an overseas flight

The coding categories constituting this pattern category refer to the ceaseless cycle of departing from and reuniting with family and friends. It appears that the intensity of anxiety experienced by cabin attendants upon departure from home equals the intensity of the excitement and joy they feel upon their return. The symptoms of anxiety that some cabin attendants seem to experience before international flight departures varies from tearfulness and general restlessness to severe perspiration and intense misery (CC4). Respondent #6 described this experience as follows: *“Ek raak baie stil. Dan begin ek sweet onder my regterarm. Die druppeltjies hardloop letterlik onder my arms af. Dan begin ek maar net weer drink en vergeet van die sorge wat voorlé”*. These symptoms are induced or intensified by anticipated thoughts and feelings of "being disconnected" from meaningful relationships, from emotional and physical closeness to another person. Bielfeld (1997) remarked that home is not just a physical structure that provides shelter, but is a place where one's emotional needs can be met.

During my own employment as a cabin attendant as SAA, I noticed that I experienced significantly less separation anxiety before flight departures when circumstances at home were pleasant and stable. I also noticed that cabin crew who enjoyed secure relationships, characterised by mutual trust and confidence that the family are able to cope in their absence, experienced less anxiety and uptightness before and during a flight. As humans, we seem to have an innate need for relative permanence and continuation in our social environment.

6.2.4 PC4: CONTEXT: DESTINATIONS

Constituting categories:

CC5: Hotel room

As mentioned in Chapter 5, section 5.2.5, the physical environment has a role to play in structuring what people do, how people feel and the symbolic meanings they attach to it. The interview data suggests that the majority of cabin attendants spend the greater part of their stay in international cities alone in their hotel rooms. The respondents associate a hotel room with a shelter where there is limited personal freedom and privacy. Cabin attendants experience the hotel room as a place of transition, deprived from any personal possessions that give a sense of warmth and belonging. Mostly, the hotel room is associated with solitary activities such as reading, watching television, attempts to sleep and often tormenting thoughts of what is going on back home. In this sense, it seems that cabin attendants do not experience a hotel room as “home away from home”.

6.2.5 PC5: TRANSACTIONS WITH CONTEXT: DESTINATIONS

Constituting coding categories:

CC2: Loneliness

CC9: Shopping experiences

CC16: Substance abuse

The relations between these coding categories have a negative undertone, and if I were to colour this slice in the circle named "Context: Destinations" in Diagram 1, I probably would have chosen black. Despite the excitement that foreign destinations could offer a person, some cabin attendants' accounts tell a very different story. The saying "if you're tired of London, you're tired of life", seems to apply to the lives of some cabin attendants. Intense feelings of loneliness (CC2) and "not belonging" were reported by the majority of the respondents, and such feelings may increase the incidence of substance abuse (CC16). On the long run, a cabin attendant's habit of substance abuse seems to have self-alienating effect. The cabin attendant feels "cut off" from him or herself as well as from other people. Feelings of loneliness are thereby intensified. There seems to be a recursive relationship between

Substance abuse (CC16) and Loneliness (CC2). In some cases, Shopping experiences (CC9) appears to be an attempt to alleviate feelings of loneliness and alienation.

This pattern category reminds me of the words of a familiar country song:

"I've been to Nice, and the Isle of Greece where I've sipped champagne on a yacht,
Moved like Harlo in Monte Carlo and showed them what I've got...
I've been to paradise,
But I've never been to me"

6.2.6 PC6: CONTEXT: SAA WORKING ENVIRONMENT

Constituting coding categories:

CC3: Impersonal working environment

CC12: Accusations of incompetent colleagues

The central theme in this pattern category is the lack of empathy cabin attendants demonstrate towards each other and experience from the side of management and the roster office. Respondent #12 described this context as follows: "... They all seem to be so close to each other - accepting each other and joking with one another, a very happy community. But that is just a smoke screen. In reality, cabin attendants never become involved in each other's lives, apart from gossiping. The data suggests that the impersonal working environment (CC3) elicit frustrations between colleagues, which eventually manifests itself in accusations of incompetence between cabin attendants (CC12).

6.2.7 PC7: TRANSACTIONS WITH CONTEXT: SAA WORKING ENVIRONMENT

Constituting coding categories:

CC10: Hostility towards the passengers

CC11: Crew eccentricities

CC13: "Flying" friendships with colleagues

In their working environment, cabin attendants interact with colleagues and passengers in the confined space of an aircraft for periods of time that can last for up to seventeen hours.

Despite the fact that cabin attendants spend a lot of time together, they do not seem to share deep friendships and emotional closeness with one another. Aggression towards passengers (CC10) could possibly originate from frustrated needs for intimacy and meaningful relationships. Temporary friendships with colleagues (CC13) - or “flying friendships” as one respondent called them - could possibly contribute to Loneliness (CC2), Depression (CC6) and Substance abuse (CC19). Cabin attendants that abuse alcohol or drugs may damage relationships with family and friends. It appears that cabin attendants experience disturbed social meaningful relationships at work and often at home.

Some respondents reported that in their working environment, individuality gets lost. Respondent #6 remarked “*I am only a number, a pension number*”. It could be for this reason that some cabin attendants attempt to define or restore their identity by conspicuous mannerisms, language and behaviour (CC11).

6.2.8 PC8: METACONTEXT

The seven above-mentioned contexts are all embedded in a larger metacontext. A *metacontext* is a context of contexts. The metacontext identified in this analysis is characterised by a continual alternation between contexts. The various person-context transactions described above are to a large degree influenced by the fact that cabin attendants are continually alternating between contexts. One's experience of coming home to loved ones, for instance, is surely affected by the knowledge that this reunion is only a prelude to the next farewell.

Life experiences of cabin crew are more complex than Figure 6.1 suggests. It is not only the adjacent circles or contexts that connect with one another, but also the non-contiguous contexts that interconnect with one another. For example, the context “Destination” can transact directly with the context “SAA working environment”, such as when cabin attendants behave in a hostile manner towards passengers (CC10) and colleagues, because of their own frustrations after spending many days in another city away from home (CC5). Another example might be that a cabin attendant's continual absence from home on special days (CC1) may give rise to depression (CC6), which may motivate the crewmember to abuse alcohol (CC16), causing poor physical health (CC8) over a period of time. Poor physical health (CC8) may aggravate Depression (CC6), thereby creating a self-reinforcing cycle. A

systems theoretical approach allows the researcher to telescope in and out the bigger picture to describe the transactions within the smaller contexts, as well as the transactions of these contexts with the metacontext.

6.3 THIRD ORDER ANALYSIS: CONCEPTUAL DISCUSSION

The aim of the third order analysis is to obtain an integrated understanding of the underlying patterns in experiences of cabin crew in their working environment, and will be presented in the form of a conceptual discussion. The researcher will attempt to indicate how the various coding and pattern categories are integrated and related to the more general concepts of a systemic epistemology.

6.3.1 Positive and negative feedback loops

The results from the first-, and second-level of analysis suggest that recursive relationships exist between certain coding categories and/or pattern categories. This means that various categories may reinforce each other mutually, creating negative or positive feedback loops as discussed in Chapter 2. The following *positive feedback loops* have been identified:

- The categories Depression (CC6) and Poor physical health (CC8) seems to reinforce each other. The more depressed a cabin attendant feel, the poorer his/her physical health seems to be. Poor physical health in turn seems to give rise to depression. When a cabin attendant experiences ill health, it is not possible to do physical exercises in an attempt to alleviate depression in a natural manner. He or she is often too tired or weak to engage in activities that may uplift feelings of despondency. Such physical immobility seems to exacerbate the depressed mood of a cabin attendant. As discussed in Chapter 4, prolonged mental stress or depressed moods eventually decreases the immune system's ability to fight diseases, causing more serious illnesses and more misery.
- Unhappy circumstances at home can motivate cabin attendants to request more flights in order to escape an unfortunate environment where they experience conflict with and alienation from family members and friends. Being away from home more frequently and for longer periods at a time only reinforces feelings of estrangement and intensifies existing conflict between a cabin attendant and family members. This situation further

provokes the cabin attendant to request flights in an attempt to "flee" circumstances at home.

- A self-amplifying loop exists between the coding categories Substance abuse (CC16) and Depression (CC6). Alcohol and drug abuse seems to intensify feelings of depression. The more depressed cabin attendants feel, the more they tend to escape this reality by abusing alcohol or drugs. In turn, depressed moods escalate - reinforcing the positive feedback loop.
- The same snowball effect exists between the coding categories Depression (CC6) and Loneliness (CC2). The more depressed a cabin attendant feel, the more he/she withdraws from colleagues, friends and family. Withdrawing behaviour prevents a cabin attendant to develop intimate relationships and enjoy the companionship of colleagues, friends and family.
- Productive, efficient and caring cabin attendants receive letters of appreciation from passengers. This acknowledgement and expression of appreciation motivates cabin attendants to render even higher standards of customer service, causing more letters of appreciation to reach management. This specific positive feedback loop is constructive, while all the aforementioned positive feedback loops are destructive.

As discussed in Chapter 2, negative feedback loops or homeostatic feedback loops instigate some contrary or compensatory action, thereby "balancing" the system. From the results of the first- and second-level analysis, the following negative feedback loops were identified:

- For some cabin attendants the practice of Religion (CC17) counteracts Loneliness (CC2). Cabin attendants experience a sense of belonging and relatedness through religious practices. Feelings of detachment are minimised and cabin attendants can engage in solitary activities with renewed inspiration.
- Cabin attendants sometimes seems to withdraw from other people after a strenuous flight. Seeking social isolation assist cabin attendants to regain their "balance" to prepare for the next flight.

6.3.2 Matching of flexibility of interacting systems

Bateson (1972) went on to say that in a healthy human ecology, there is a match between the flexibility of the people and the flexibility of the civilisation. Matching flexibility between interacting subsystems create a complex higher order system that is open-ended for slow change. In this study, the interacting systems are the cabin attendant and his/her working environment. In the following paragraph I will attempt to describe the contrast between the flexibility of humans and the flexibility of high technology in the airline industry.

Humans were clever enough to invent technology to help them overcome their lack of wings. These high technology aircraft had been designed with a great amount of flexibility. The steel-winged giants in the sky can adapt to a variety of environmental factors, for example fluctuations in weather conditions, loss of engine power or sudden loss of altitude. In contrast, we have not been clever enough to prevent the disruptive effects of disturbed circadian rhythms or to correct dysfunctional communication patterns in interpersonal relationships. The healing of emotional wounds cannot be accelerated by technology. Advances or “growth” in technology cannot be compared to growth in human affairs, which has a time of its own. In this sense, there is a limited amount of matched flexibility between the high-tech working environment as a system and the cabin attendant as a system. From the respondents' descriptions of their experiences in their working environment, this man-environment system does not portray a picture of health. In this regard, Bateson (1972, p.503) remarked: *" It appears that the man-environment system has certainly been progressively unstable since the introduction of metals, the wheel, and script"*. In the light of the results of this study, it seems appropriate to comment that the invention of "the wing" added to the instability of the man-environment system.

6.3.3 *Quidquid recipitur, ad modum recipientis recipitur* ("Whatever is received, is received according to the manner of the receiver"):

The cabin attendant in transaction with the various contexts can never be a detached observer of reality. The type of experience that a crewmember spontaneously shared with the researcher is not determined by the working environment only, but also personal characteristics. Each respondent's description of the stressors in his/her working environment is a unique construction of reality. In this regard, Dell (1985, p.7) remarked: “ Forces and

impacts cannot and do not determine, specify or instruct the behaviour of an object. They are merely the historical occasion for the system to continue its structure-determined behaviour". In short, it is not solely the stressors in the working environment of cabin crew that "cause" thoughts and behaviour. From a systems theory perspective, it is more correct to state that the stressors induce and facilitate certain responses that are already inherent in a respondent's personality structure. Capra (1987, p.290) confirmed this statement: " A living organism is a self-organising system, which means that its order in structure and function is not imposed by the environment but by the system itself". It is possible however, that the stressors in the working environment of cabin crew can encourage certain experiences and inhibit others.

In sum, the working environment serves as a catalyst for the stressful experiences, while a cabin attendant's reactions are determined by his/her own emotional and physical composition.

6.3.4 Disrupted personal meaningful patterns

Throughout the process of analysis, it seems that some cabin attendants experience a relative lack of personal meaningful patterns. Perold, (2000, p.16) stated: "It is true that human beings are born with a deep-rooted belief in the "lawfulness" of their world, or in the regularity of causes and effects. It is probably also true that this belief may be destroyed – at least as far as certain types of contexts are concerned. This might be achieved by repeatedly exposing a person to a context in which sequences of events are completely devoid of pattern or regularity. Eventually, the person may learn that it is futile to try to predict the outcome. The context will have become predictable in its unpredictability." In systems thinking, pattern, redundancy, meaning and information can be regarded as synonyms. Where there is pattern or redundancy, there is regularity, predictability, meaning or information: "From a tree visible above ground, it is possible to guess at the existence of roots below ground. The top provides information about the bottom. From what I say, it may be possible to make predictions about how you will answer. My words contain meaning or information about your reply" (Bateson, 1972, p.131).

Three different disruptions in personal meaningful patterns will be discussed in this section. Disrupted circadian rhythms, disrupted interpersonal relationships and disrupted cultural patterns are distinguished.

6.3.4.1 Disrupted circadian rhythms

Disrupted circadian rhythms seriously affect the physical and emotional health of some cabin attendants. Lynch (1972) pointed out that changes in circadian rhythms imposed from the outside - by rotating shifts or flights across time zones, for instance - often result in fatigue, bodily upset and mental stress. Research done by Singer (1985) cited in Porter (1988) concluded that proper adjustment of the body clock never occurs, and that there is only distortion of rhythms, never adaptation. The body is not allowed to function according to its own internal wisdom for growth and healing, because its cyclical “lawfulness” is continually disrespected.

6.3.4.2 Disrupted interpersonal relationships

The irregularity of cabin attendants' work schedules makes it difficult for cabin attendants to establish meaningful **interpersonal relationship patterns**. Some cabin attendants seem to experience relationships that are completely devoid of any pattern. The knowledge of the state of a certain relationship creates expectations about how future interaction and behaviour within that relationship will be like. However, these expectations are more than often not met in the lives of cabin crew. What is experience as true and real in a personal relationship is not valid anymore the following day. That is, relationship patterns cannot be predicted with certainty. Physical presence and closeness to meaningful people on a regular basis build familiarity, trust and loyalty. These relationship patternings seem to diminish in the migratory lifestyle of cabin attendants. Some respondents seem to acquire a sense of learned helplessness in their personal relationships, and do not take the trouble anymore to nurture these relationships. The personal relationship context has therefore become predictable in its unpredictability.

6.3.4.3 Disrupted cultural patterns

Cultural norms and values form the context in which interaction between individuals takes place. Cabin attendants from traditional African ethnic backgrounds seem to experience a disruption of **cultural patterns** in their lives. In accordance to affirmative action policies, SAA needed to correct the grossly uneven demographic distribution with regards to race. Potential employees from cities as well as rural areas were targeted for recruitment. Cabin

attendants realise those familiar and known values and behaviour from an often native and rural lifestyle cannot be put into practice in a first-world environment. In a sense, a cultural evolution is taking place in the lives of cabin attendants from an unsophisticated, rural environment where they are being moulded and trained into a new culture. The new environment is experienced as unpredictable and without meaning. This inconsistency is evident from the following remark that a respondent jokingly made during the interviews:

Respondent # 5 (M) *"Aish! Yesterday I bought these expensive Gucci shoes in London. Tonight, back home in Kwa-zulu Natal, I'll be slaughtering a beast with my family, dancing with my new Gucci shoes around the fire!"*

The conflict between the western and ethnic cultures seems to deplete the budget of flexibility of some of the crewmembers. For them, the new culture has become predictable in its unpredictability, and adaptation to these changes will require a great amount of flexibility.

6.4 CONCLUSION

The results of the second-order analysis were presented in the form of eight pattern categories. During the conceptual discussion, the interrelatedness of the coding categories and pattern categories were integrated and related to more general concepts of systems thinking.

These results cannot be viewed as all encompassing, although certain aspects of the findings correspond with previous research by Porter (1988), as indicated in the pattern categories. It is impossible for any researcher to give a complete description of reality. However, with this study, I intended to gain a more comprehensive understanding of the experiences that cabin crew have in their working environment:

"We social scientists would do well to hold back our eagerness to control the world which we so imperfectly understand ... Rather, our studies could be inspired by a more ancient, but today less honoured motive: a curiosity about the world of which we are part. The rewards of such work are not power but beauty" (Bateson, 1972, p.269).

CHAPTER 7

CONCLUSIONS AND RECOMMENDATIONS

“Our evolution continues to offer us freedom of choice. We can consciously alter our behaviour by changing our values and attitudes to regain the spirituality and ecological awareness we have lost.”

Fritjof Capra

7.1 INTRODUCTION

In Chapter 2, the aim of this dissertation was defined as the development of a holistic description of the manner in which cabin attendants at SAA experience their working environment. It is not in the scope of this study to present the reader with an explanation for their behaviour or experiences. Three different levels of analysis, progressively more abstract, formed the framework of analysis. At each level of analysis, experiences or concepts were grouped together on the basis of certain criteria so as to form meaningful categories. The first-level analysis comprised cabin attendant’s individual descriptions of their working environment. The individual’s experience is based on his or her construction of reality, that is, individual meanings or patterns. The second-level analysis comprised shared meanings - that is, patterns of patterns of experiences. The third-level analysis relates the coding and pattern categories to some general concepts of systems theory.

7.2 SUMMARY OF RESULTS

The results from the first-level analysis indicated that cabin attendants experience "Absence from home on special days" (CC1) as a major stressor in their working environment. Ten out of the twelve respondents mentioned this theme during the interview. Loneliness (CC2) was mentioned by eight of the twelve respondents, indicating a high incidence of unfulfilled social needs amongst cabin attendants. Depression (CC6) and Suicidal tendencies (CC15) were also reported too frequently - that is, [f=6] and [f=2] respectively. Management should take these results seriously and implement support strategies with care and sensitivity.

The results of the second-level analysis indicated the interdependence between the various contexts that constitute the lived world of a cabin attendant. The stressors that cabin attendants experience in their working environment may be exacerbated or alleviated by their circumstances at home or their physical and/or psychological well-being. The experiences described - that is the stories told by cabin attendants during the interviews, were presented as an ecology of relationships. In short, the working experiences of cabin attendants involve various contexts that continuously interact with one another, creating an ever-changing kaleidoscope of different colours, patterns and designs

The results of the third-level analysis reiterate the fundamental systemic principles according to which all living things function. Certain positive feedback loops in the working experiences of cabin attendants were identified. The dilemma of matching of flexibility of interacting systems (the cabin attendant interacting with the high-tech working environment) was discussed. The results suggested a disruption of personal meaningful patterns in the lives of cabin attendants.

7.3 RECOMMENDATIONS

According to Stokols (1991), research "findings" should be able to suggest intervention points not only at the individual level, but also at community level. In this study, it is the community level that is of interest, specifically the SAA cabin attendant community. As primary safety officers on board an aircraft, cabin attendants perform a vital function. Hancock (in Porter, 1986) stated that: "The failure of flight attendants to accomplish specific tasks can have catastrophic consequences, however, such individuals are subjected to many long term stresses and are still expected to perform at 100% efficiency". The following suggestions are proposed to enhance the quality of life of flight attendants:

7.3.1 Psycho-educational workshop

The problems of shift work are inherent in the nature of the airline industry. It is not feasible to remove all the difficulties associated with work schedules. However, it is possible to reduce some of the negative effects of work schedules through education or awareness programmes to cabin attendants. The results of this study can be integrated into a psycho-educational workshop for cabin attendants. New recruits, as well as some of the "old bags",

might not always be educated as how to cope with the effects of their work schedules. The primary aim of such a workshop should be to equip cabin attendants with the skills to enhance the psychosocial quality of their lives. Cabin attendants, especially new recruits, need to be provided with information on topics such as eating, sleeping and recreational patterns. The secondary aim should be to make cabin attendants aware of their capacity for change or adaptation by thinking in terms of a budget of flexibility, as discussed in Chapter 6. Such information may empower individuals to take up the responsibility for managing their lifestyles.

7.3.2 Limited years of flying

The emotional and physical problems reported by cabin attendants, for example severe depression, loneliness and chronic fatigue, usually develop over a period of time. It is suggested that a legal limit be placed on the number of years that cabin attendants are allowed to fly. This strategy might reduce the long-term effects of flying on physical and psychological health. For example, employees can be contracted to work as cabin attendants for two years, where after they are given the choice to leave the airline or to apply for a position in another department. The consequent high turnover of cabin attendants will put more pressure on the human resource staff. However, I propose that with a shorter flying career, cabin attendants are less likely to develop serious health related difficulties. It is hypothesised that the Inflight Services of South African Airways will experience less absenteeism and crew shortages on flights. There will be more commitment to the company, improved levels of customer services and a consequent increase in revenue. This strategy has successfully been implemented at an airline company in Dubai.

7.3.3 Recommendations for future research

It was mentioned in Chapter 1 that insufficient research exists with regards to the well being of cabin attendants. From the results of this study, it can be concluded that further research in this field is necessary and the opportunities vast. Investigations could focus on psychological and/or physiological differences between cabin attendants who are able to cope and those who struggle to do so. A comparative study between the "survivors" and the "non-survivors" could render useful information for selection and training purposes.

7.4 "THAT REMINDS ME OF A STORY"

"The fountain of content must spring up in the mind, and he who hath so little knowledge of human nature as to seek happiness by changing anything but his own disposition, will waste his life in fruitless efforts and multiply the grief he proposes to remove".

Samuel Johnson

Bateson considered stories, parables and metaphors to be essential expressions of human thinking. He would never deal with any idea in a purely abstract way, but would always present it concretely by telling a story. Since relationships are the essence of the living world, one would do best, Bateson maintained (in Capra, 1989) if one spoke a language of relationships to describe it. This is what stories do. A story connects people from different contexts or backgrounds to one another. The following story is an ancient one, full of images and symbols, told by Bushmen from generation to generation. However, its meaning is as relevant to humankind today as it was to the Bushmen who created it centuries ago. The story is simple and describes a primitive man's experience of losing "meaning" or "soul" in life:

There was once a man who lived happily by keeping cattle. One morning he found that his cows had no milk to give. (In other words, the story is telling us that he had arrived at a moment in his own life when his old ways no longer provided him with sustenance). He took them to better grazing grounds, but they still had no milk to give. He decided to keep watch on the cattle in their kraal. During midnight he saw a cord coming down from the stars, with beautiful young women with containers, who started milking his cows. When they saw him, they scattered immediately and ran up the cord as fast as they could. He managed to catch hold of one of the girls, who still had her container with her. She said that she was happy to become his wife but on the following condition: she will fill the container full of starlight, and he must promise that he will never look in this container without her permission. He promised her that and they lived happily for months. One day, the man got irritated with the container and decided to look into it, while his wife was in the fields. He could not see anything in the container and perceived it as empty. That evening when she came home, she knew immediately that he had looked into her container and was very upset. He told her: 'You silly creature! Why have you made such a

fuss about an empty container?' 'Empty?' she uttered, distressed. 'Yes, empty!' And at once she became very sad, turned her back on him, walked straight into the sunset and was never seen again on earth.

The problem here was not the fact that the man had broken his promise to his wife. Rather, the man could not see anything in the container, although it was full of starlight that the beautiful girl brought down for both of them. To him it was empty, without any meaning. This is an image of the moment in our lives when we can no longer see what we have naturally in our containers, the moment we experience a loss of meaning in our lives. It is not that we have empty containers, but rather that we have lost the capacity to see its content, to enjoy meaning and fulfilment in life and to live passionately. This loss was a loss of soul for the cattleman and implied a living death for him thereafter.

What cabin attendants at SAA "see" (experience) in their "containers" (working environment), should not be understood in terms of their visual sense of sight, but in terms of the understanding and the interpreting of their experiences. With regards to this, Capra (1987, p.320) remarked: "The patterns we perceive around us are based in a very fundamental way on the patterns within. Patterns of matter mirror patterns of mind, coloured by subjective feelings and values". The respondents imposed their own patterns or meaning, unconsciously, on their experiential world.

It is therefore not only the working environment that needs change, but also the cabin attendants' ability to make sense out of their working environment. This change incorporates a belief in the possibility of determining one's own fate and an attempt to make the most out of a situation. For all living things *growth* is a necessity of survival. Man survives not by adjusting himself to his physical environment in the manner of an animal, but by transforming his environment through intellectual and emotional growth. In this regard, Ayn Rand (1964, p.121) remarked:

"An animal's capacity for development ends at physical maturity and thereafter its growth consists of the action necessary to maintain itself at a fixed level. After reaching maturity it does not, to any significant level continue to grow in efficacy - that is, it does not significantly increase its ability to cope with the environment. But man's capacity for development does not end at physical maturity; his capacity is virtually limitless. His power to reason is man's

distinguishing characteristic, his mind is man's basic means of survival - and his ability to think, to learn, to discover new and better ways of dealing with reality, to expand the range of his efficacy, to grow intellectually, is an open door to a road that has no end.

7.5 CONCLUSION

As mentioned in Chapter 2, it is not possible for a researcher to describe or understand the complexity of the interconnecting parts of any system or phenomena completely. Korzybski (1979-1950) emphasised that descriptions are simplified versions and not accurate presentations of real-life situations. With regards to this, Bateson (1979, p.100) stated: "I surrender to the belief that my knowing is a small part of a wider integrated knowing that knits the entire biosphere or creation". In agreement, Keeney (1979, p.47) remarked: "As one of Birdwhistell's (1970) students put it, it's (doing research on human behaviour) like trying to understand a drainage system from a 6-inch slice of river". However, this study has achieved it's objective if the reader was encouraged to think about the behaviour of cabin attendants in terms of various transacting contexts, circular causality or patterns that connect.